

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090406.D
 Acq On : 6 Oct 2016 3:25
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:49 PM

Quant Time: Oct 06 06:46:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	251126	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1048164	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	515500	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	814271	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	532906	20.00	ng	-0.01
86) Perylene-d12	15.70	264	436138	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1346921	80.05	ng	0.00
7) Phenol-d6	6.62	99	1646358	74.71	ng	0.00
23) Nitrobenzene-d5	7.57	82	1695468	78.68	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	326877	77.98	ng	-0.01
44) 2-Fluorobiphenyl	9.38	172	2558368	82.69	ng	0.00
78) Terphenyl-d14	13.14	244	2304194	97.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	317842	38.32	ng	# 93
3) Pyridine	3.47	79	885637	38.29	ng	85
4) n-Nitrosodimethylamine	3.42	42	362095	37.94	ng	# 59
6) Aniline	6.66	93	1173529	38.55	ng	96
8) 2-Chlorophenol	6.78	128	675049	36.46	ng	88
9) Benzaldehyde	6.54	77	473463	42.50	ng	87
10) Phenol	6.63	94	939239	36.66	ng	98
11) bis(2-Chloroethyl)ether	6.74	93	770264	39.26	ng	94
12) 1,3-Dichlorobenzene	6.94	146	664545	36.00	ng	# 91
13) 1,4-Dichlorobenzene	7.02	146	760930	40.59	ng	98
14) 1,2-Dichlorobenzene	7.17	146	635385	35.18	ng	93
15) Benzyl Alcohol	7.14	79	600632	35.85	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1278022	38.41	ng	96
17) 2-Methylphenol	7.25	107	567688	37.28	ng	98
18) Hexachloroethane	7.53	117	282290	38.19	ng	# 88
19) n-Nitroso-di-n-propylamine	7.42	70	642367	39.75	ng	# 80
20) 3+4-Methylphenols	7.41	107	770519	39.09	ng	# 59
22) Acetophenone	7.41	105	908093	36.58	ng	# 97
24) Nitrobenzene	7.58	77	798171	37.31	ng	93
25) Isophorone	7.83	82	1511281	38.36	ng	97
26) 2-Nitrophenol	7.90	139	349126	37.92	ng	# 74
27) 2,4-Dimethylphenol	7.94	122	629780	35.17	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	979538	42.04	ng	98
29) 2,4-Dichlorophenol	8.14	162	495659	36.41	ng	87
30) 1,2,4-Trichlorobenzene	8.23	180	569656	40.60	ng	98
31) Naphthalene	8.31	128	1808714	35.77	ng	99
32) Benzoic acid	8.06	122	526987	42.33	ng	98
33) 4-Chloroaniline	8.36	127	869241	41.59	ng	95
34) Hexachlorobutadiene	8.44	225	299691	38.23	ng	98
35) Caprolactam	8.74	113	180563	39.45	ng	# 87
36) 4-Chloro-3-methylphenol	8.84	107	689501	40.45	ng	96
37) 2-Methylnaphthalene	9.01	142	1240772	40.54	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	493751	36.33	ng	# 97
40) Hexachlorocyclopentadiene	9.16	237	273848	36.76	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	392122m	41.81	nq	
43) 2,4,5-Trichlorophenol	9.32	196	364975m	41.16	nq	
45) 1,1'-Biphenyl	9.47	154	1426885	37.35	nq	92
46) 2-Chloronaphthalene	9.50	162	1178743	41.76	nq	94
47) 2-Nitroaniline	9.58	65	420537	37.76	nq	# 82
48) Acenaphthylene	9.91	152	1683353	36.15	nq	99
49) Dimethylphthalate	9.78	163	1343746	40.70	nq	98
50) 2,6-Dinitrotoluene	9.83	165	319580	43.60	nq	# 75
51) Acenaphthene	10.09	154	1047905	36.09	nq	98
52) 3-Nitroaniline	10.01	138	348868	40.74	nq	# 74
53) 2,4-Dinitrophenol	10.10	184	117616	35.99	nq	# 1
54) Dibenzofuran	10.26	168	1325979	35.28	nq	91
55) 4-Nitrophenol	10.15	139	316552	42.25	nq	# 76
56) 2,4-Dinitrotoluene	10.23	165	402099	41.22	nq	# 44
57) Fluorene	10.60	166	1179770	37.35	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	249554	37.68	nq	# 77
59) Diethylphthalate	10.47	149	1334117	39.06	nq	93
60) 4-Chlorophenyl-phenylether	10.60	204	583860	40.65	nq	# 84
61) 4-Nitroaniline	10.61	138	322388	37.37	nq	94
62) Azobenzene	10.75	77	1619595	41.05	nq	87
64) 4,6-Dinitro-2-methylphenol	10.65	198	200017	37.70	nq	# 56
65) n-Nitrosodiphenylamine	10.71	169	1137336	41.68	nq	97
66) 4-Bromophenyl-phenylether	11.09	248	317037	39.72	nq	# 84
67) Hexachlorobenzene	11.16	284	353148	39.73	nq	# 82
68) Atrazine	11.24	200	320998	47.71	nq	97
69) Pentachlorophenol	11.34	266	220154	41.61	nq	99
70) Phenanthrene	11.57	178	1745536	41.86	nq	98
71) Anthracene	11.62	178	1560572	36.65	nq	99
72) Carbazole	11.77	167	1546043	39.08	nq	98
73) Di-n-butylphthalate	12.11	149	2062392	42.84	nq	# 96
74) Fluoranthene	12.76	202	1566364	38.30	nq	98
76) Benzidine	12.88	184	703508	50.21	nq	98
77) Pyrene	12.99	202	1468916	41.34	nq	99
79) Butylbenzylphthalate	13.61	149	750332	41.15	nq	# 75
80) Benzo(a)anthracene	14.18	228	1234755	41.30	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	486177	44.85	nq	# 98
82) Chrysene	14.22	228	1169584	42.50	nq	98
83) Bis(2-ethylhexyl)phthalate	14.18	149	1076190	41.53	nq	# 97
84) Di-n-octyl phthalate	14.80	149	1612278	41.96	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.22	276	1074285	54.76	nq	# 94
87) Benzo(b)fluoranthene	15.25	252	954387	34.35	nq	# 95
88) Benzo(k)fluoranthene	15.29	252	1024760m	39.27	nq	
89) Benzo(a)pyrene	15.63	252	919751	38.41	nq	# 94
90) Dibenzo(a,h)anthracene	17.24	278	905449	44.45	nq	97
91) Benzo(g,h,i)perylene	17.68	276	875834	44.80	nq	# 93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```

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Sample    : SSTCCCC040
Misc      :
ALS Vial   : 2    Sample Multiplier: 1

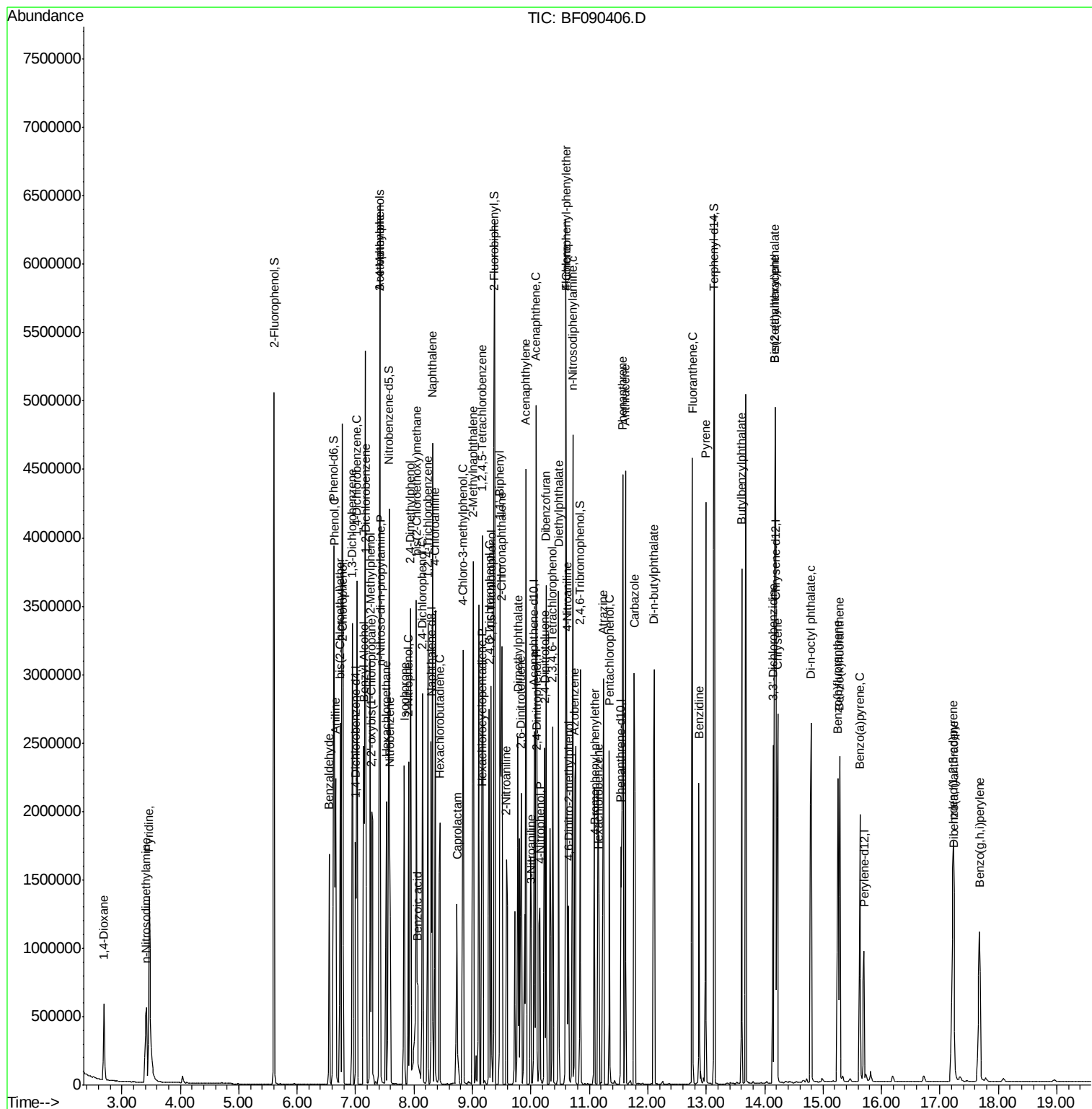
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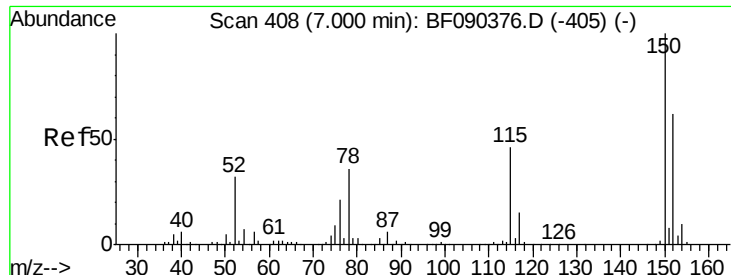
Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 251126

Ion Ratio Lower Upper

152 100

150 159.7 124.6 186.8

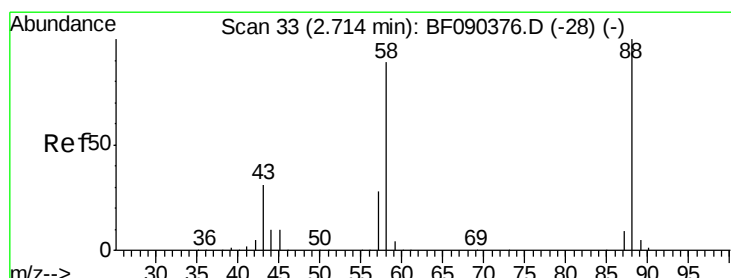
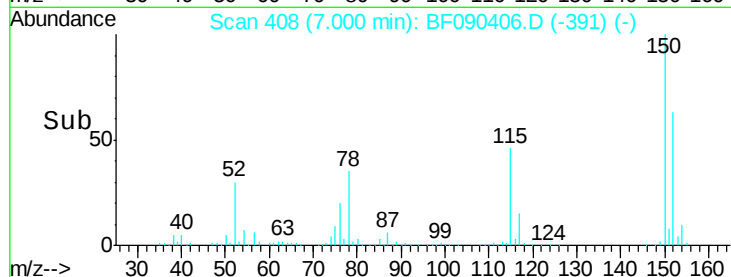
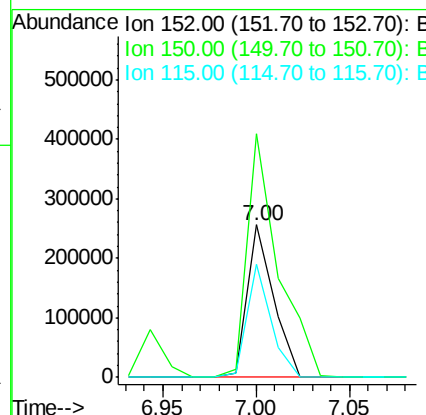
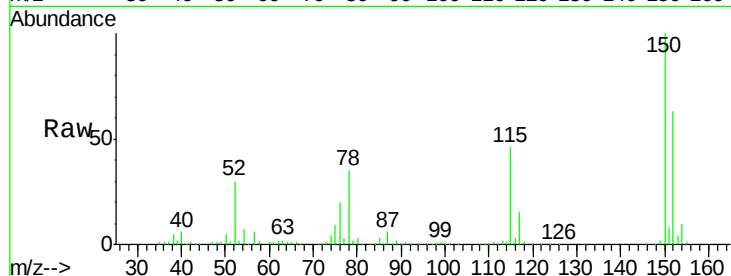
115 73.9 46.2 69.4#

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10/6/2016 5:27:49 PM



#2

1,4-Dioxane

Concen: 38.32 ng

RT: 2.69 min Scan# 31

Delta R.T. -0.02 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

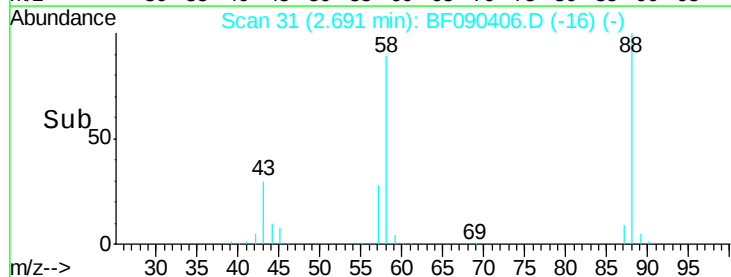
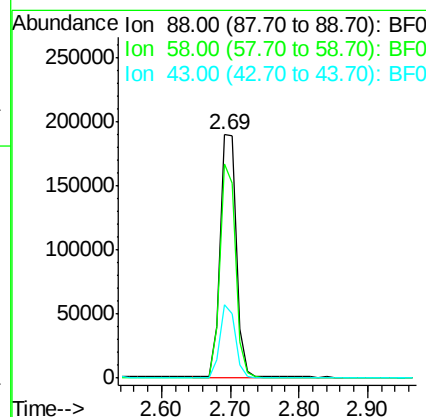
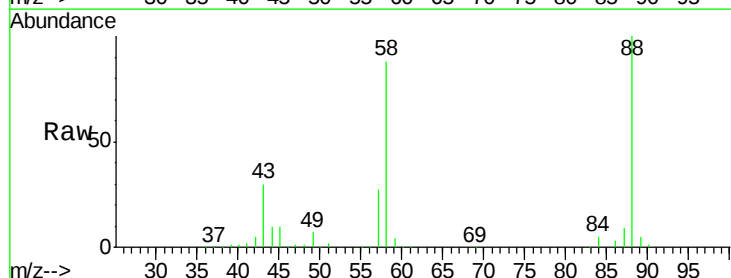
Tgt Ion: 88 Resp: 317842

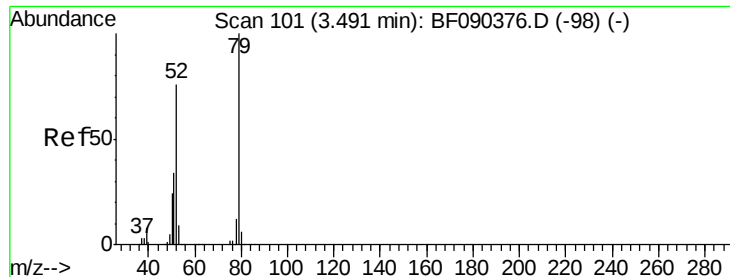
Ion Ratio Lower Upper

88 100

58 84.9 71.2 106.8

43 28.7 29.8 44.6#





#3

Pvridine

Concen: 38.29 ng

RT: 3.47 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

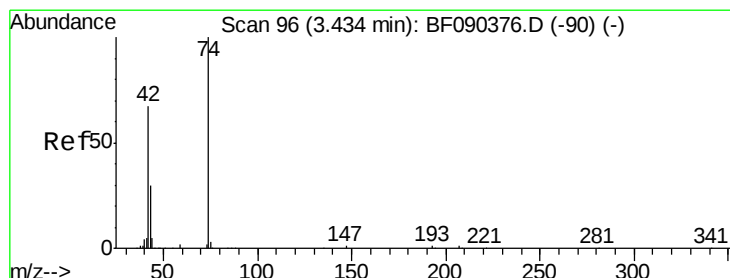
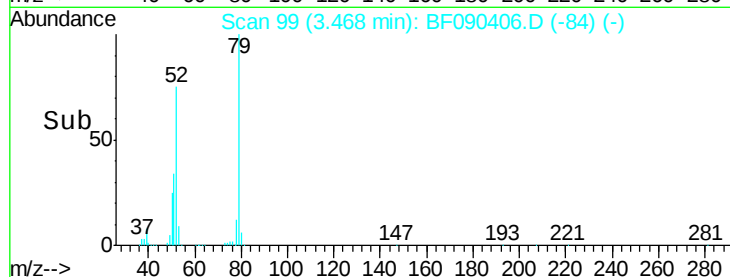
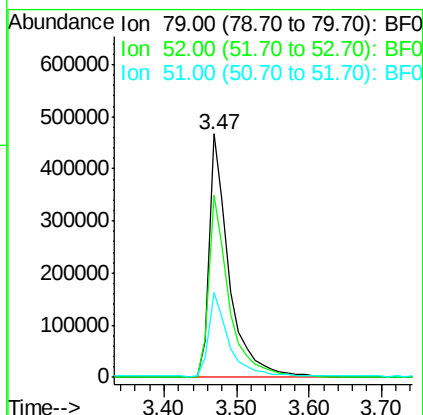
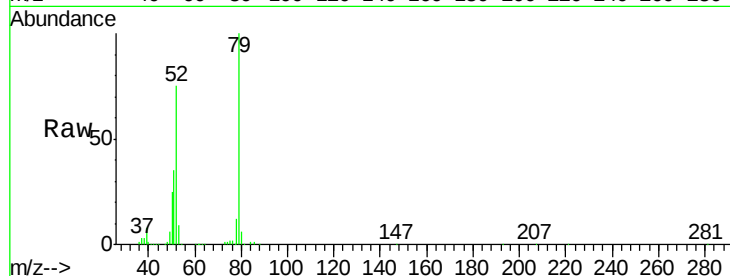
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	885637
Ion Ratio	Lower	Upper	
79	100		
52	74.6	71.3	106.9
51	34.7	34.5	51.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.94 ng

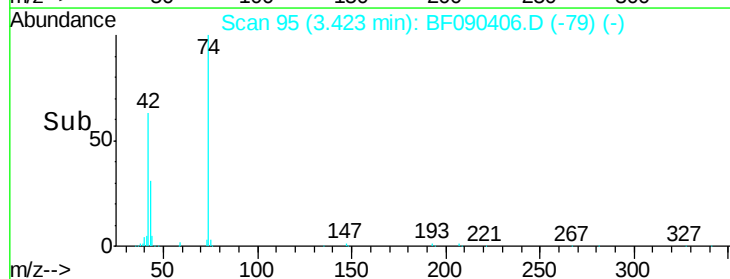
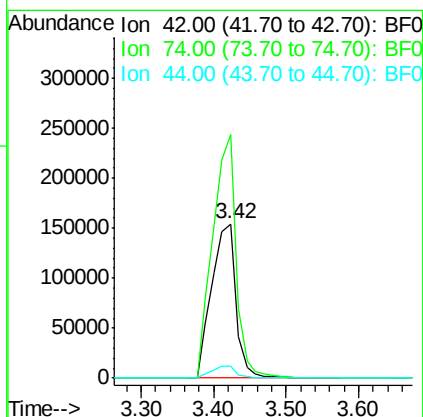
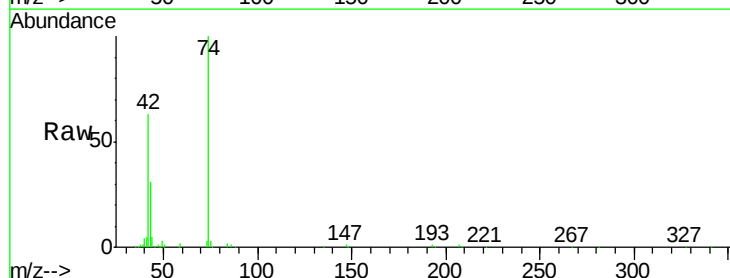
RT: 3.42 min Scan# 95

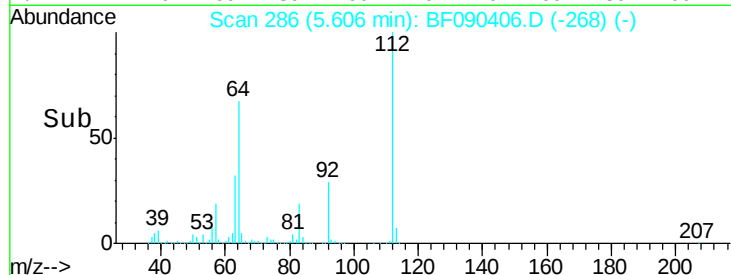
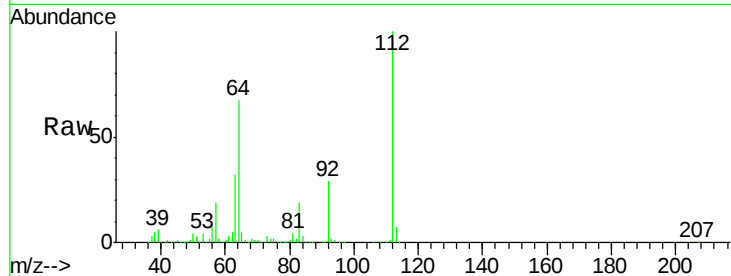
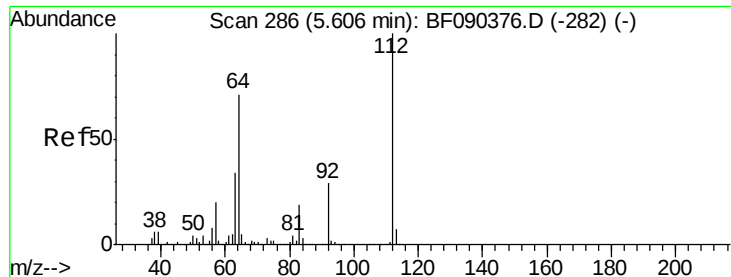
Delta R.T. -0.01 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Tgt Ion:	42	Resp:	362095
Ion Ratio	Lower	Upper	
42	100		
74	157.9	88.9	133.3#
44	8.0	6.5	9.7





#5

2-Fluorophenol

Concen: 80.05 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1346921

Ion Ratio Lower Upper

112 100

64 67.5 57.9 86.9

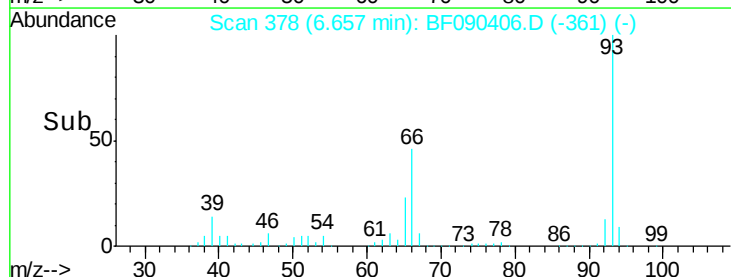
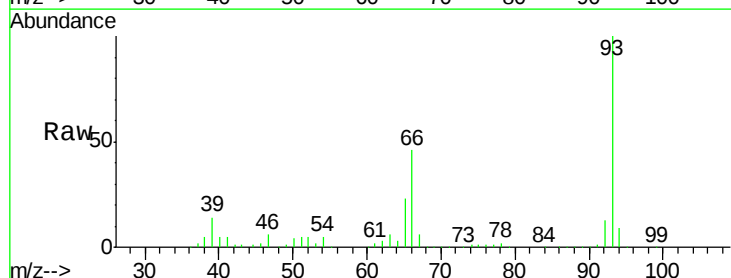
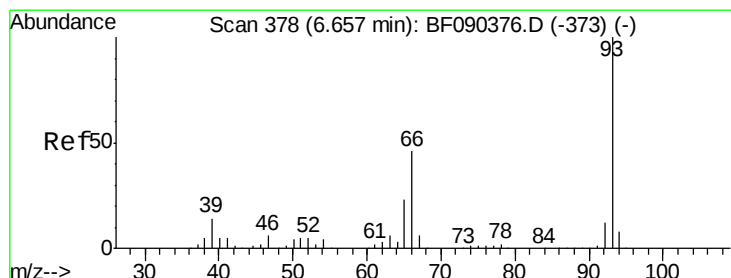
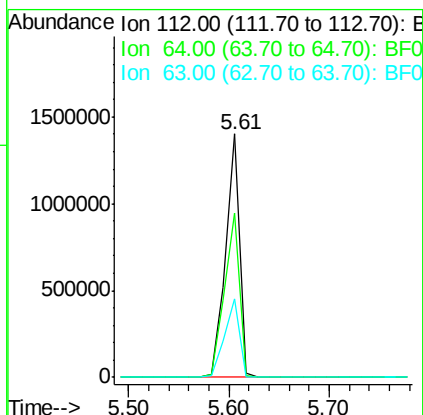
63 32.4 29.6 44.4

Manual Integrations

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10/6/2016 5:27:49 PM



#6

Aniline

Concen: 38.55 ng

RT: 6.66 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

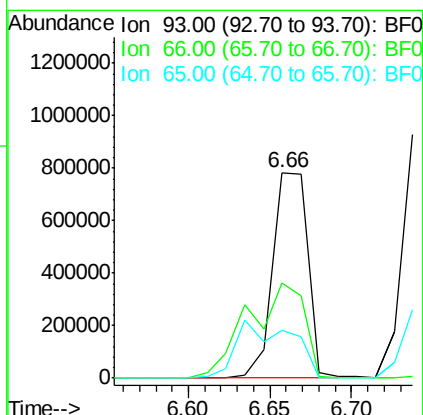
Tgt Ion: 93 Resp: 1173529

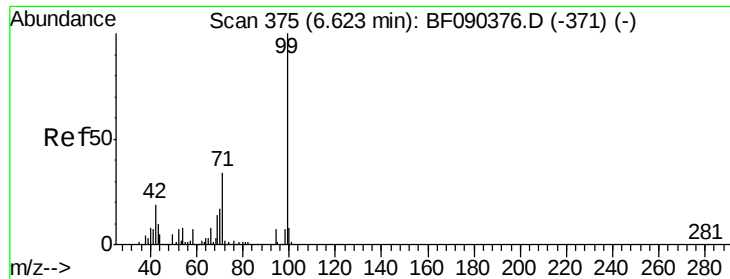
Ion Ratio Lower Upper

93 100

66 46.5 34.5 51.7

65 23.4 18.2 27.2





#7

Phenol-d6

Concen: 74.71 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1646358

Ion Ratio Lower Upper

99 100

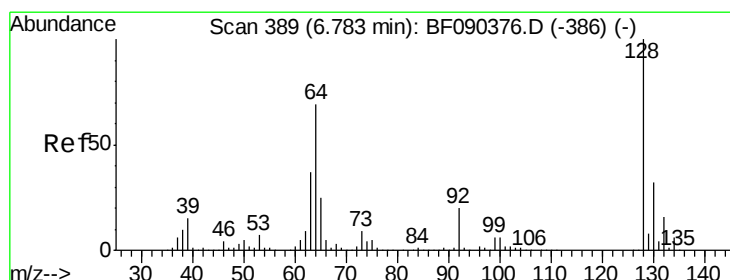
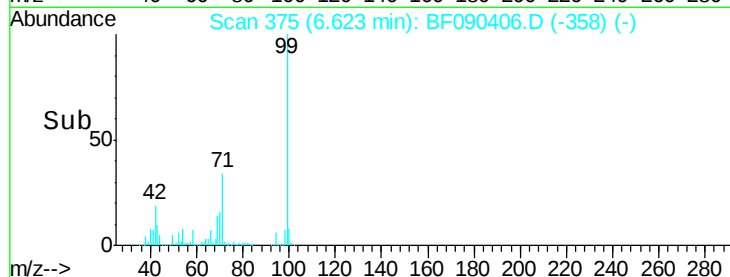
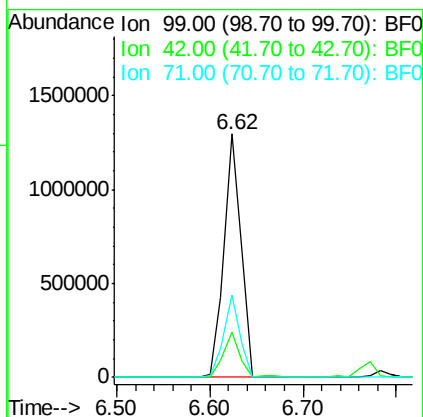
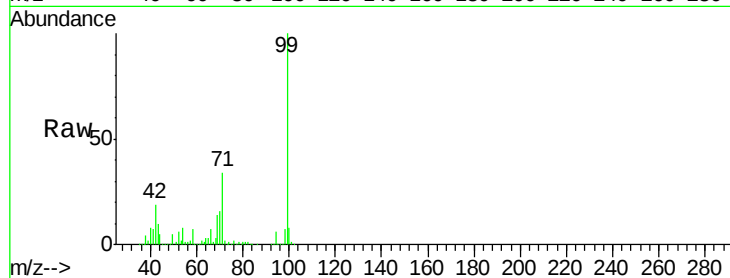
42 18.5 20.0 30.0#

71 33.6 27.9 41.9

Manual Integrations
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10/6/2016 5:27:49 PM



#8

2-Chlorophenol

Concen: 36.46 ng

RT: 6.78 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

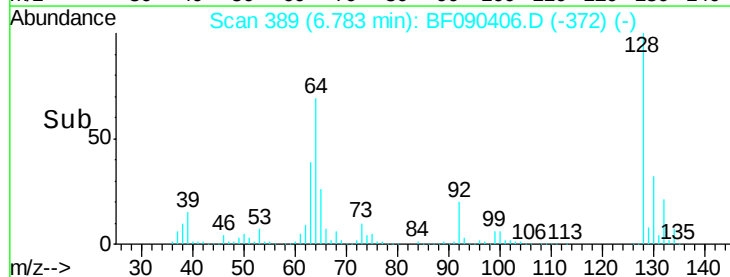
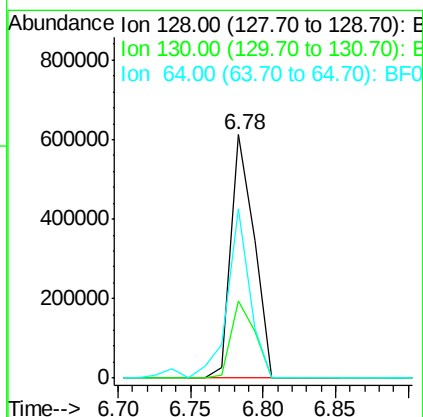
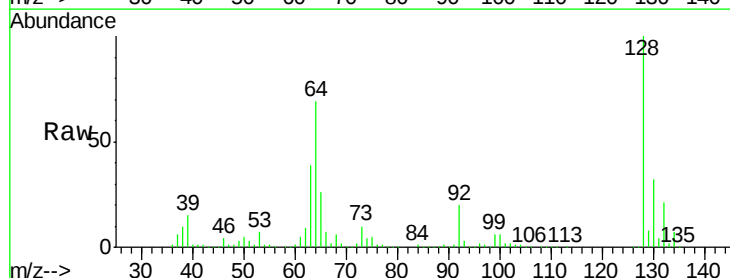
Tgt Ion: 128 Resp: 675049

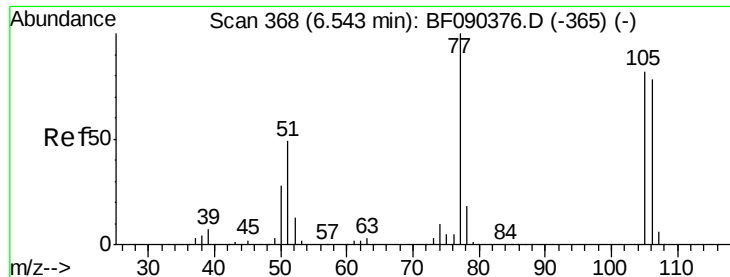
Ion Ratio Lower Upper

128 100

130 32.0 13.3 53.3

64 69.5 36.0 76.0





#9

Benzaldehyde

Concen: 42.50 ng

RT: 6.54 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 473463

Ion Ratio Lower Upper

77 100

105 81.5 73.1 113.1

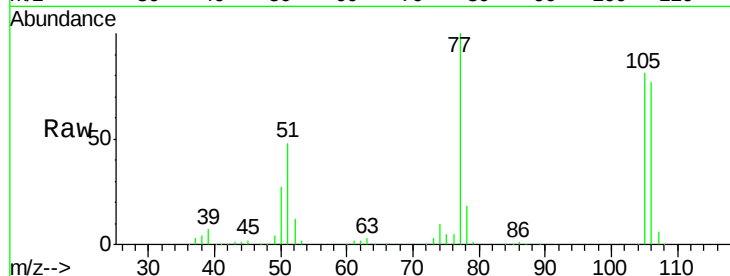
106 76.9 70.2 110.2

Manual Integrations

APPROVED

SOHIL

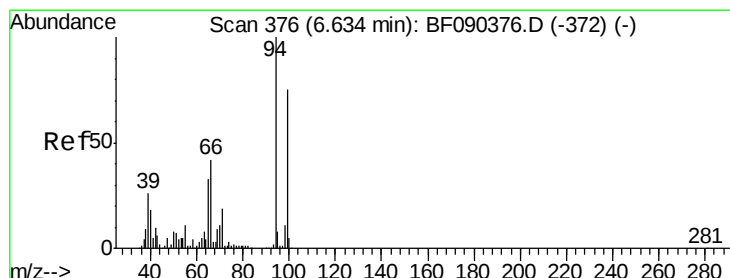
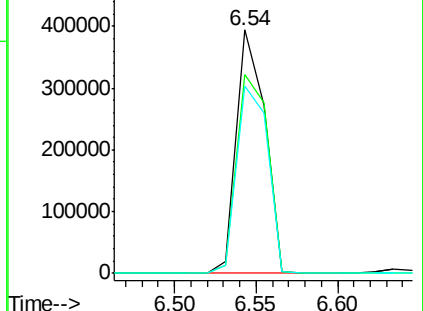
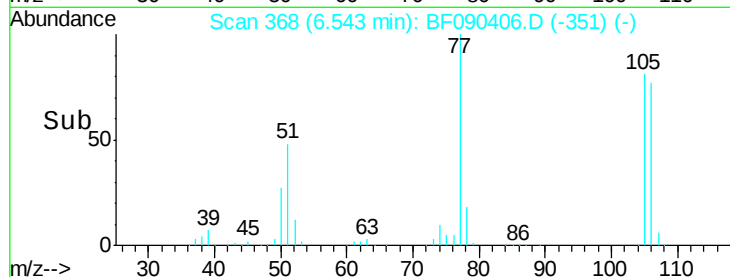
10/6/2016 5:27:49 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.66 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

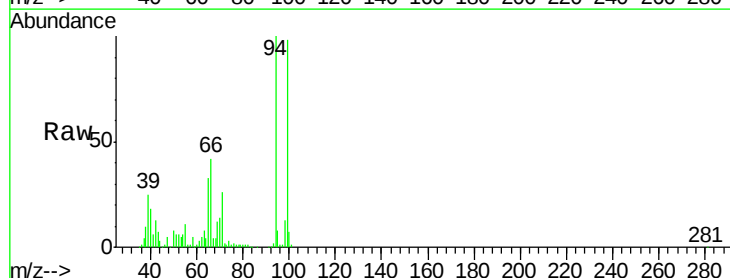
Tgt Ion: 94 Resp: 939239

Ion Ratio Lower Upper

94 100

65 33.0 13.3 53.3

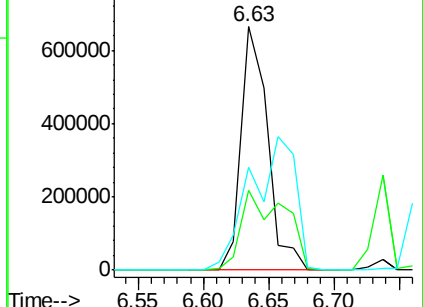
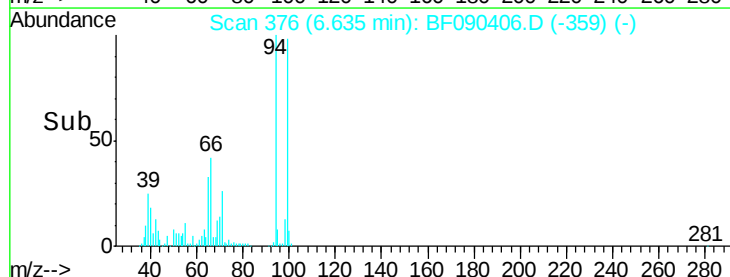
66 42.4 20.4 60.4

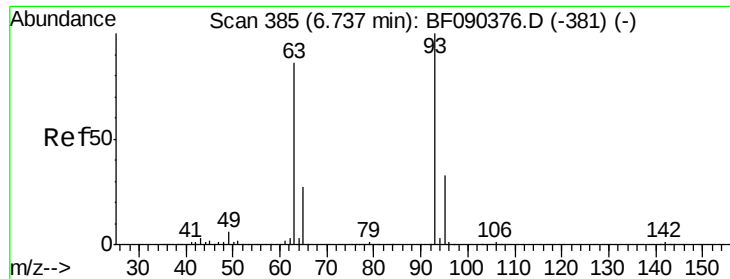


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





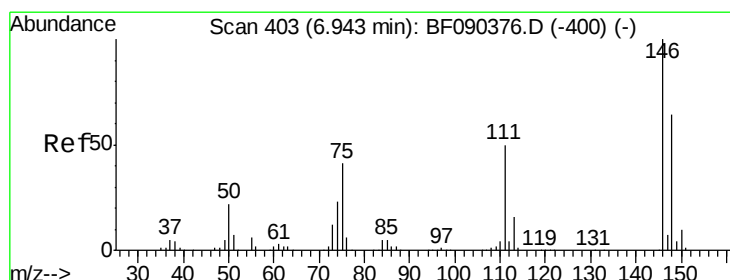
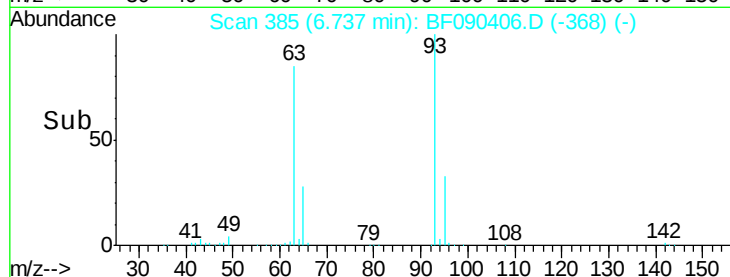
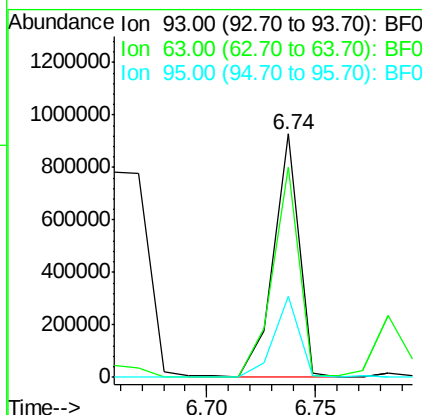
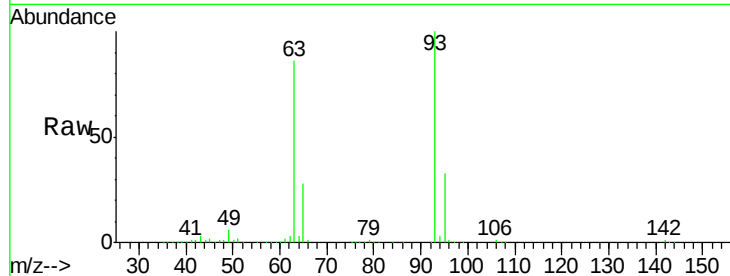
#11
bis(2-Chloroethyl)ether
Concen: 39.26 ng
RT: 6.74 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.3	59.7	99.7
95	33.1	14.0	54.0

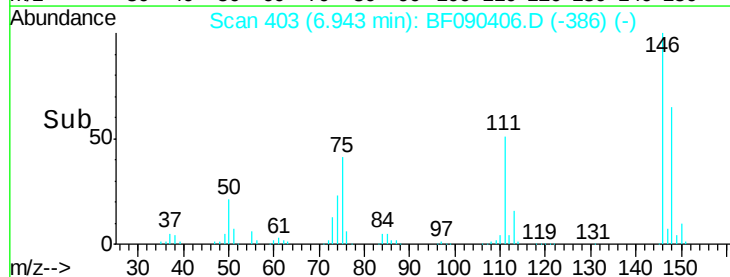
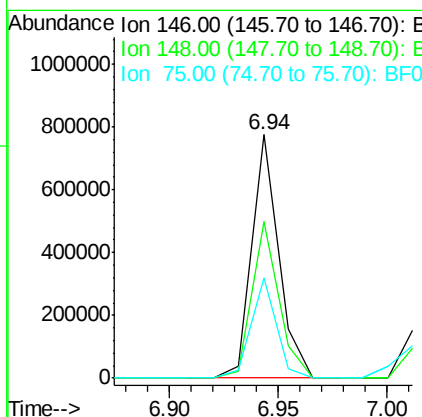
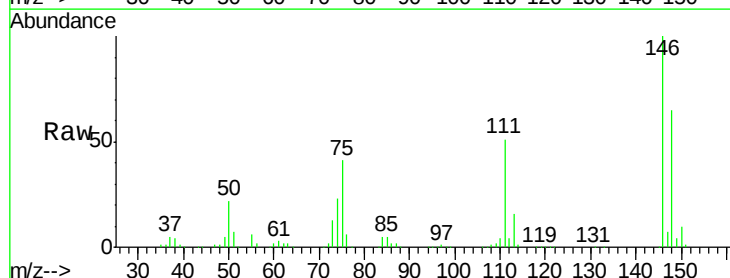
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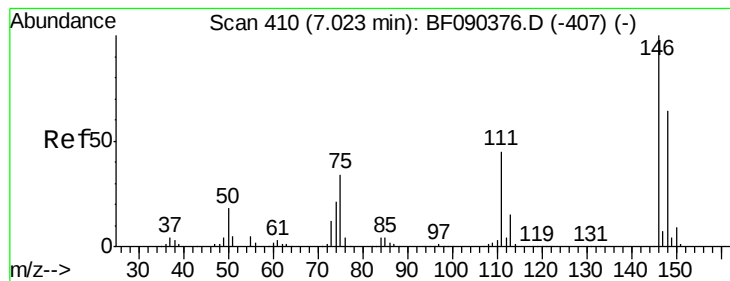
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#12
1,3-Dichlorobenzene
Concen: 36.00 ng
RT: 6.94 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.4
75	41.3	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 40.59 ng

RT: 7.02 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

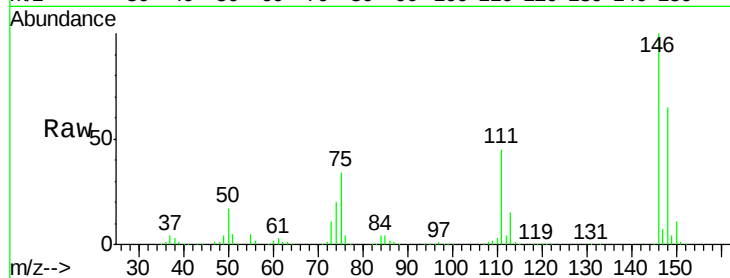
ClientSampleId :

SSTDCCC040

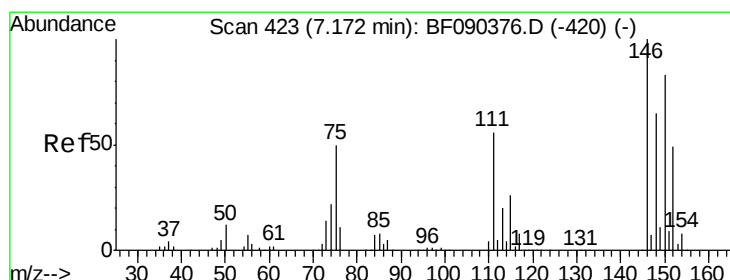
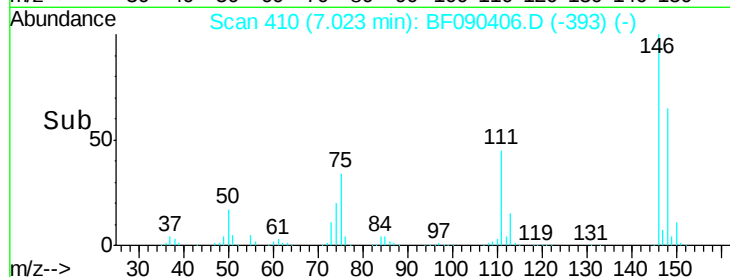
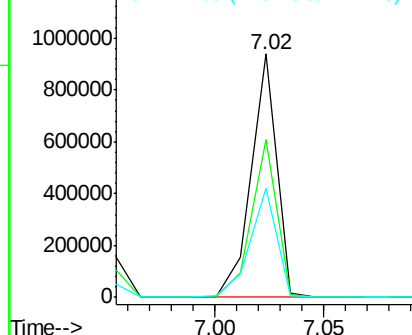
Tot Ion:	146	Resp:	760930
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.1	76.7
111	44.8	37.8	56.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.18 ng

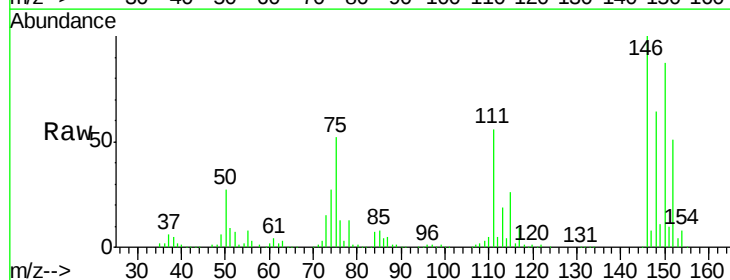
RT: 7.17 min Scan# 423

Delta R.T. 0.00 min

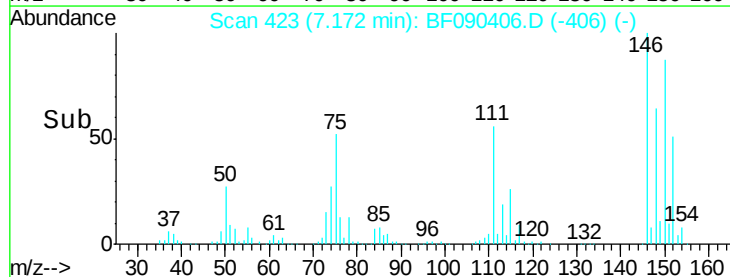
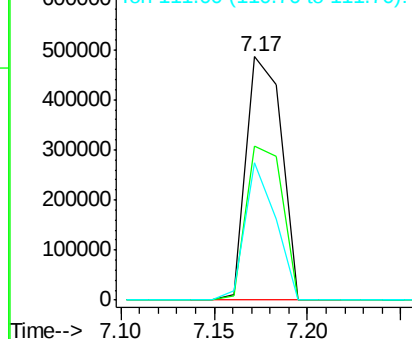
Lab File: BF090406.D

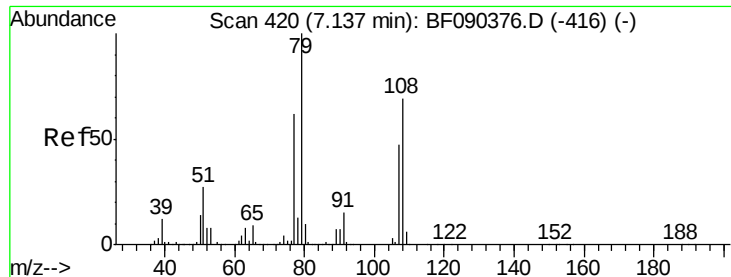
Acq: 6 Oct 2016 3:25

Tgt Ion:	146	Resp:	635385
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.3	78.5
111	56.4	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.85 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 600632

Ion Ratio Lower Upper

79 100

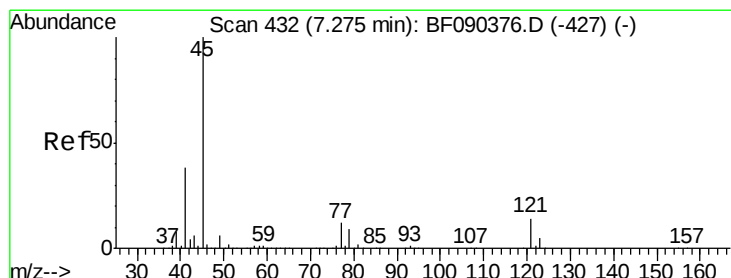
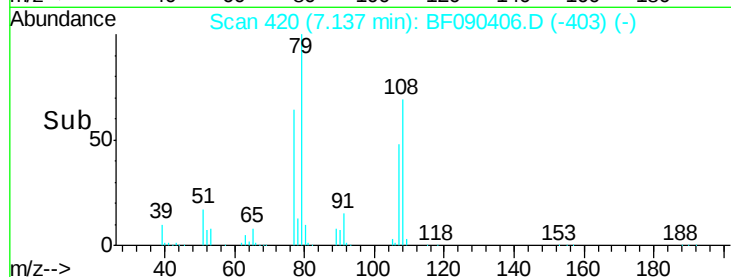
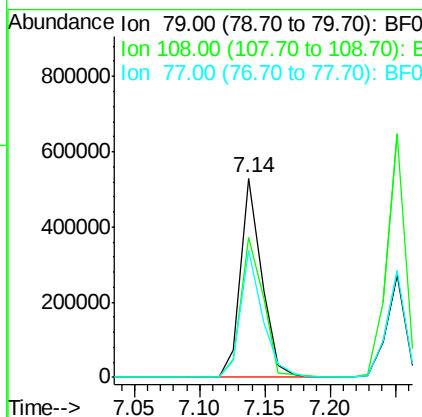
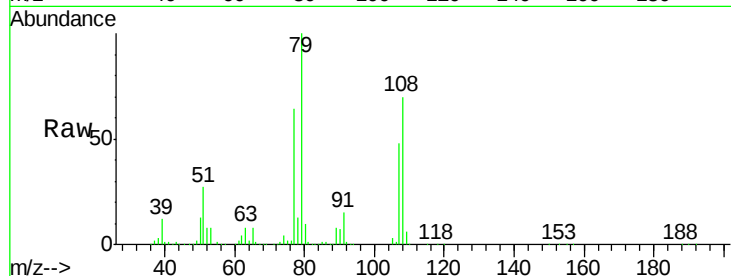
108 70.0 60.9 91.3

77 64.1 51.5 77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.41 ng

RT: 7.27 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

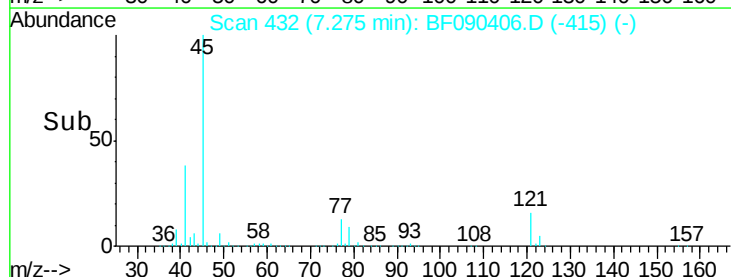
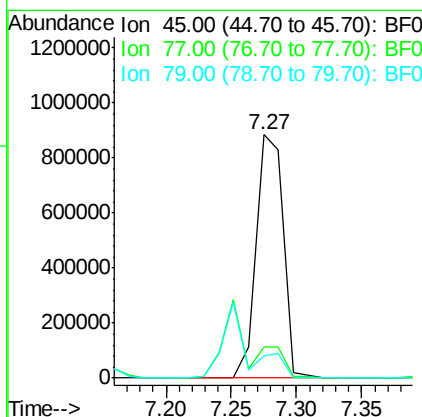
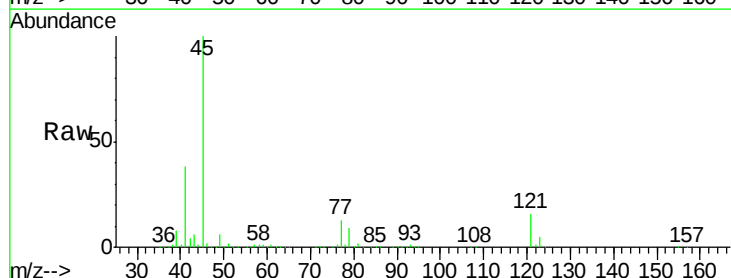
Tgt Ion: 45 Resp: 1278022

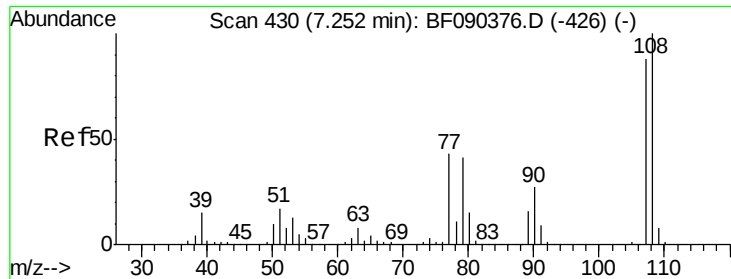
Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.8

79 9.2 0.0 28.2





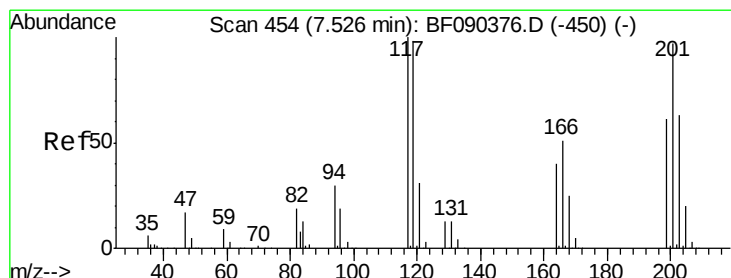
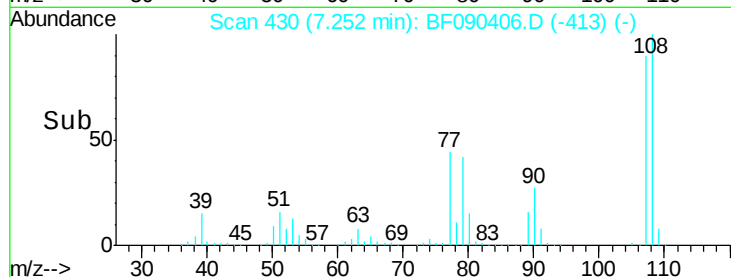
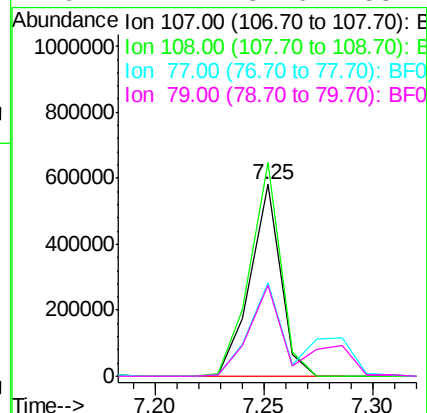
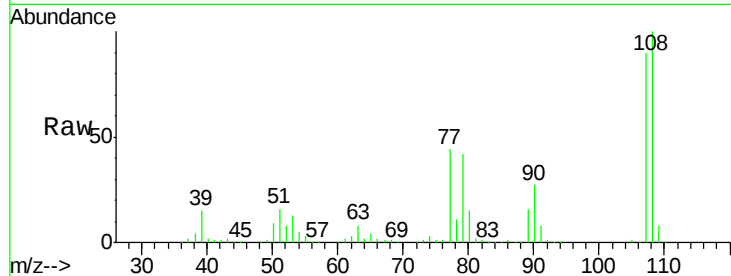
#17
2-Methylphenol
Concen: 37.28 ng
RT: 7.25 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	90.9	136.3	
77	48.7	38.2	57.4	
79	47.2	37.0	55.4	

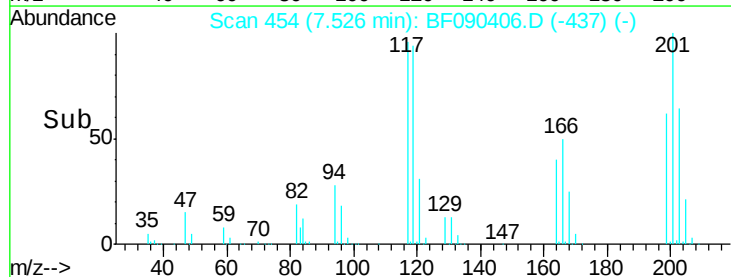
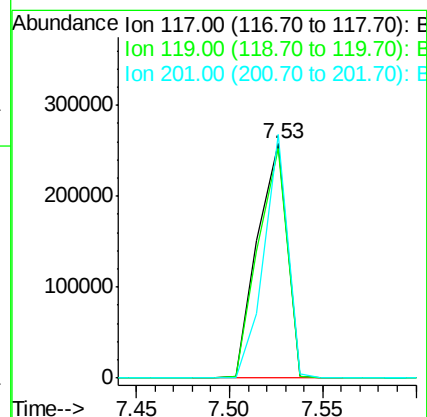
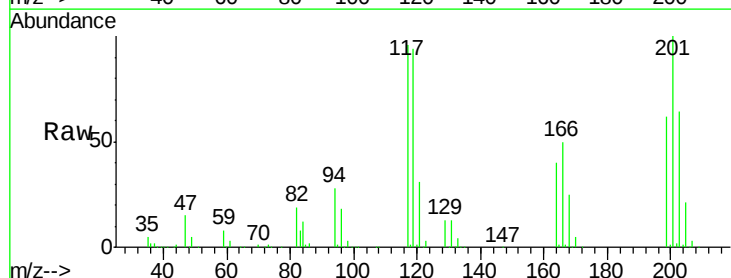
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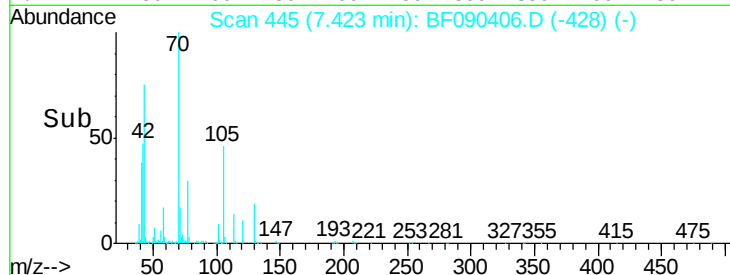
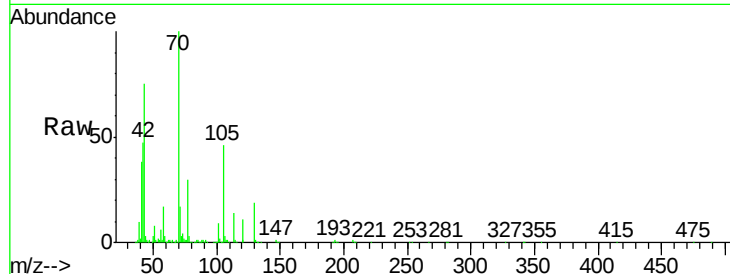
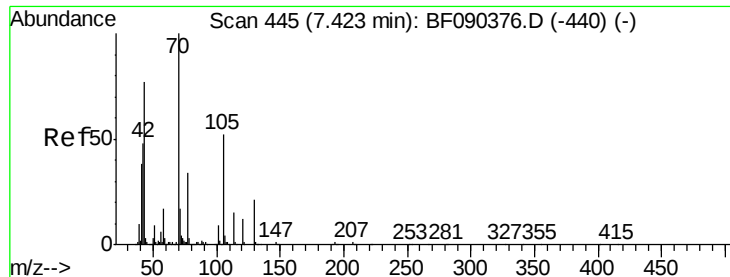
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#18
Hexachloroethane
Concen: 38.19 ng
RT: 7.53 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	75.9	113.9	
201	103.9	66.5	99.7#	





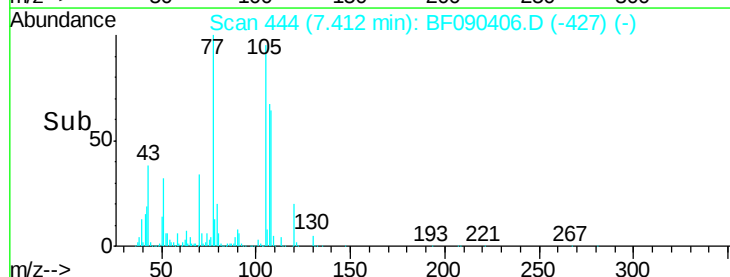
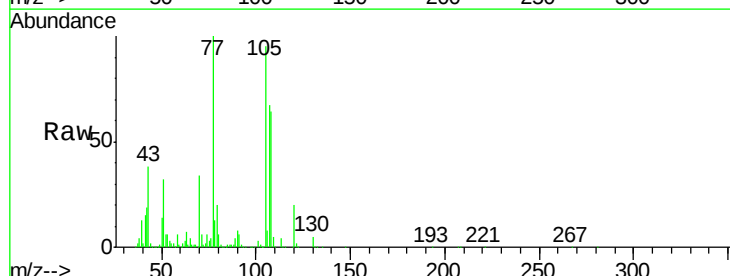
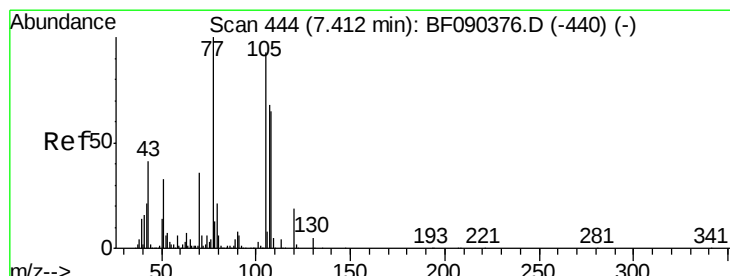
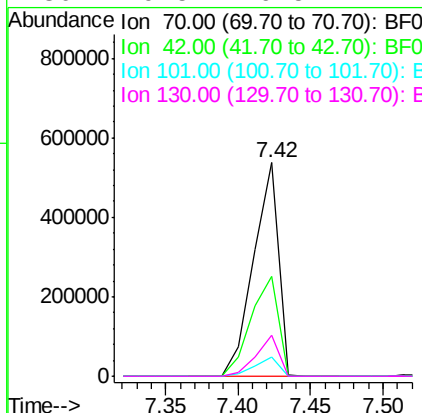
#19
n-Nitroso-di-n-propylamine
Concen: 39.75 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	55.4	83.2#
101	8.7	7.6	11.4
130	19.5	16.5	24.7

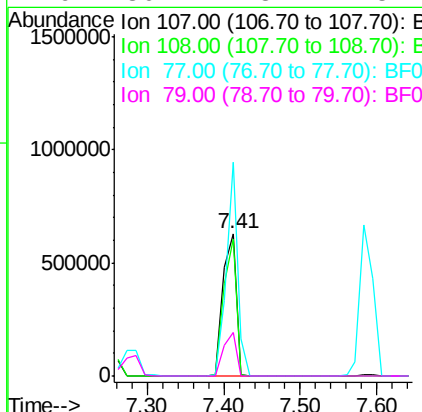
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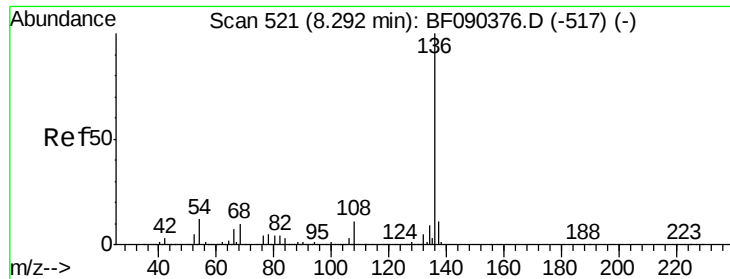
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#20
3+4-Methylphenols
Concen: 39.09 ng
RT: 7.41 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.6	66.7	106.7
77	150.2	53.7	93.7#
79	30.4	8.4	48.4





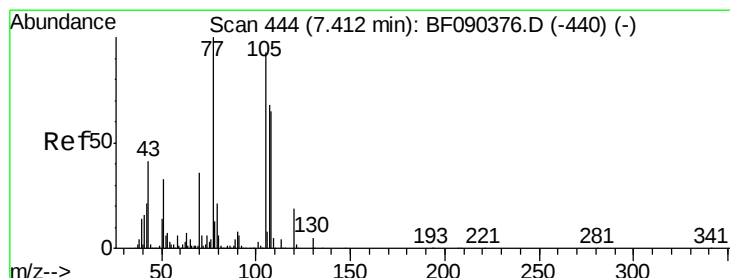
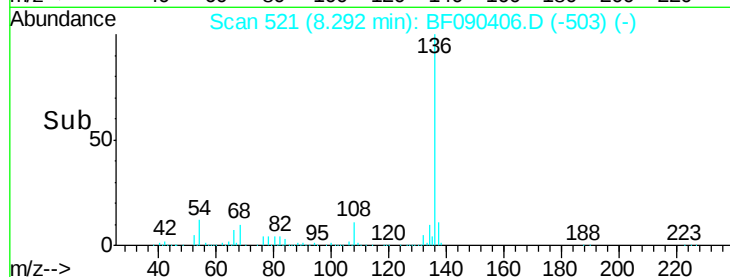
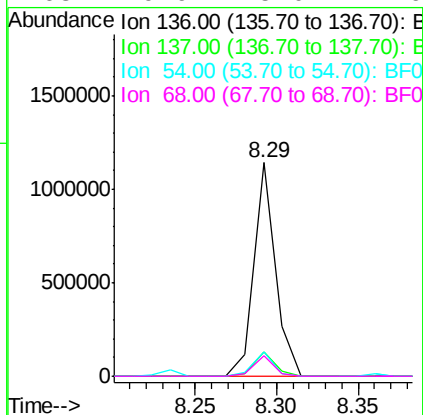
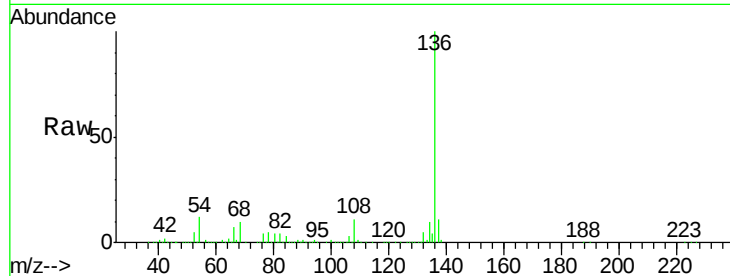
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1048164		
137	11.5		9.0	13.6	
54	11.5		6.6	10.0	
68	9.9		5.0	7.6	

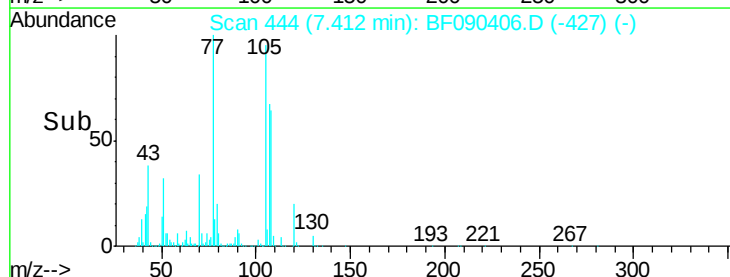
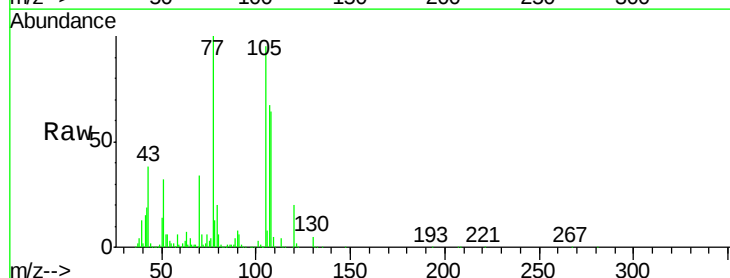
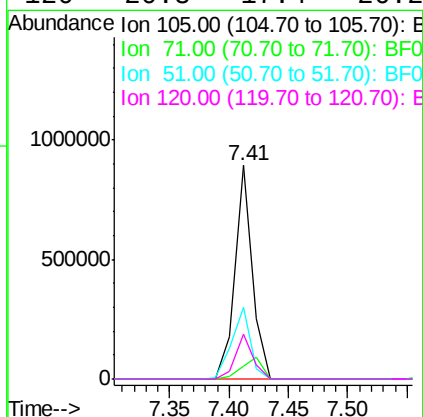
Manual Integrations
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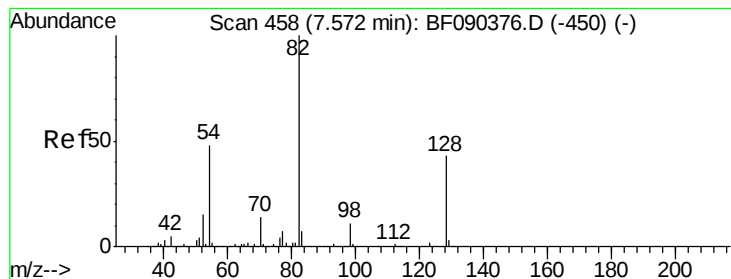
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#22
Acetophenone
Concen: 36.58 ng
RT: 7.41 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		908093		
71	6.2		3.8	5.6	
51	33.7		28.2	42.4	
120	20.8		17.4	26.2	





#23

Nitrobenzene-d5

Concen: 78.68 ng

RT: 7.57 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1695468

Ion Ratio Lower Upper

82 100

128 43.0 40.0 60.0

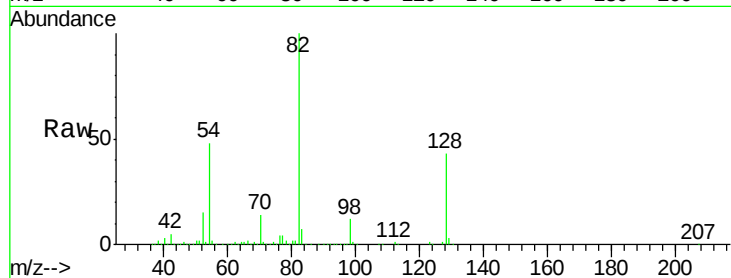
54 48.5 42.6 64.0

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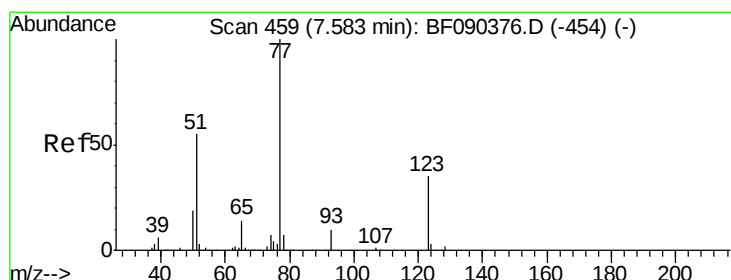
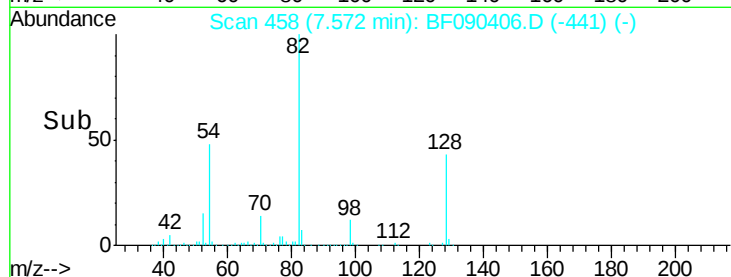
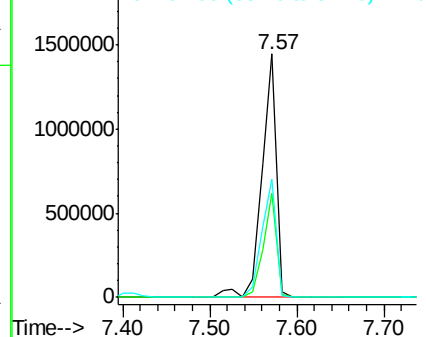
10/6/2016 5:27:49 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.31 ng

RT: 7.58 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

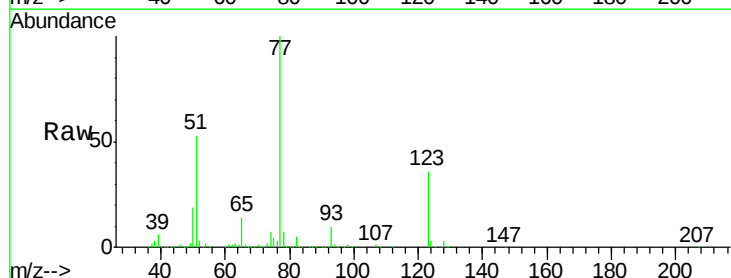
Tgt Ion: 77 Resp: 798171

Ion Ratio Lower Upper

77 100

123 35.9 33.0 49.4

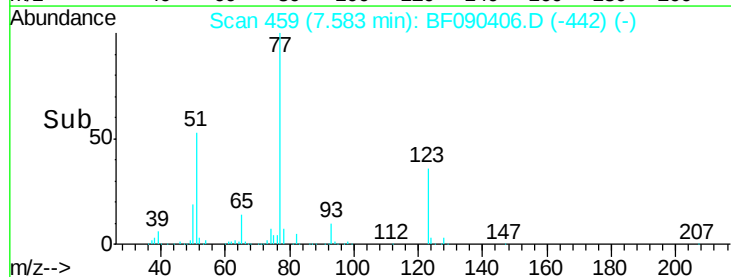
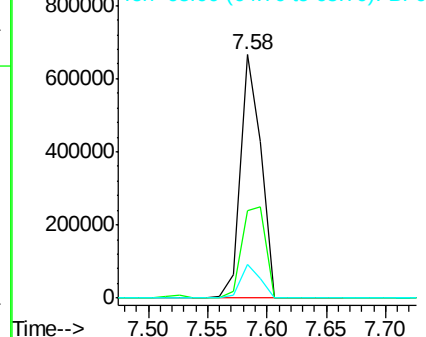
65 14.0 12.0 18.0

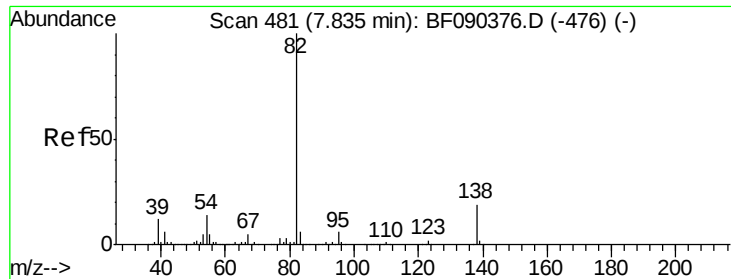


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.36 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

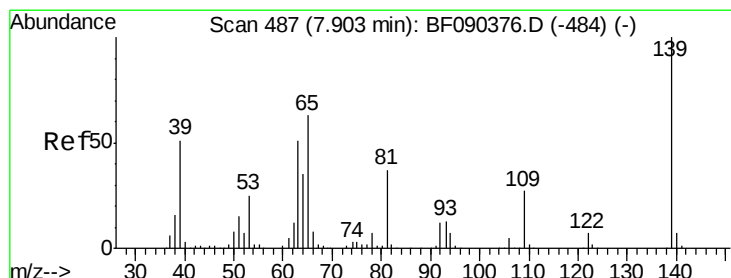
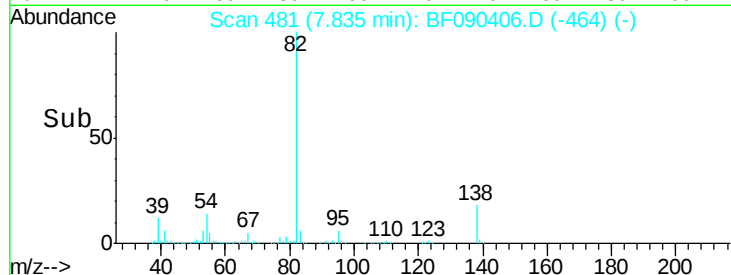
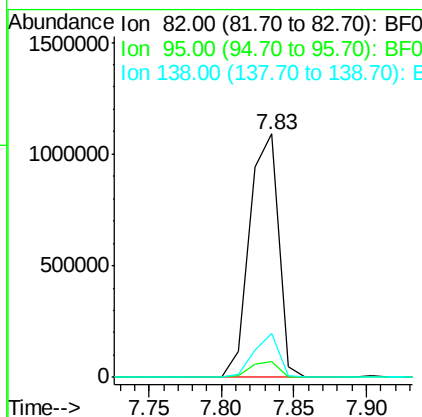
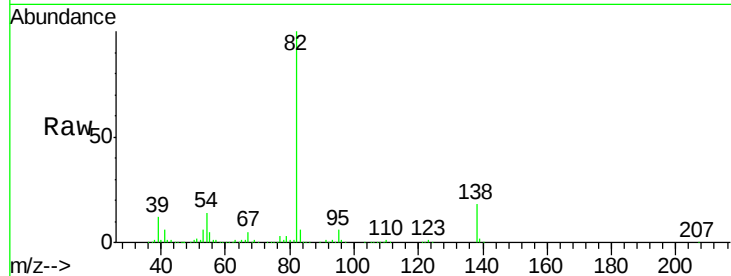
ClientSampled :

SSTDCCC040

Tot Ion:	82	Resp:	1511281
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.2	7.8
138	18.2	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.92 ng

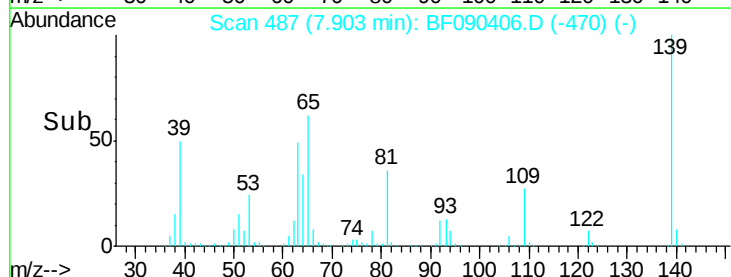
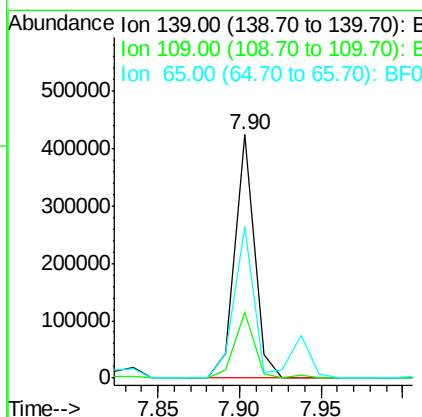
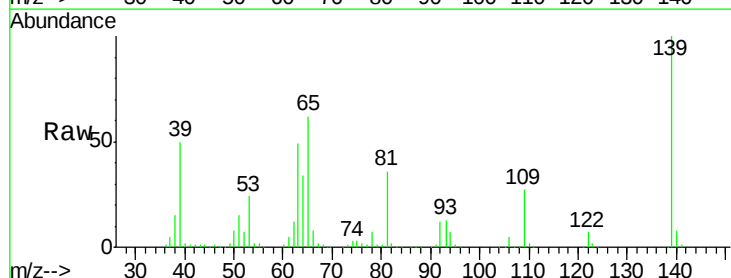
RT: 7.90 min Scan# 487

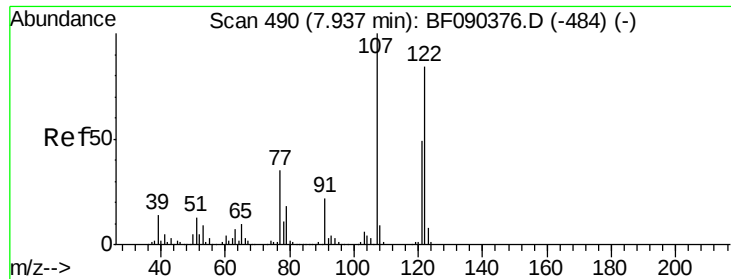
Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Tgt Ion:	139	Resp:	349126
Ion	Ratio	Lower	Upper
139	100		
109	27.1	18.9	28.3
65	62.0	31.6	47.4#





#27

2,4-Dimethylphenol

Concen: 35.17 ng

RT: 7.94 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

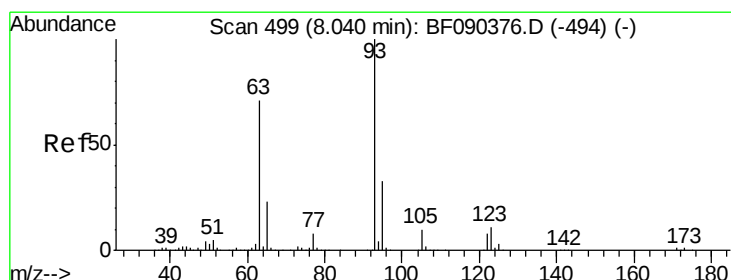
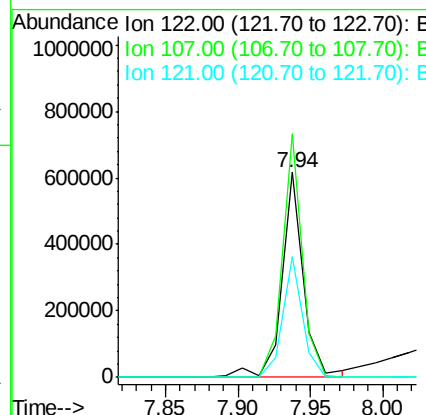
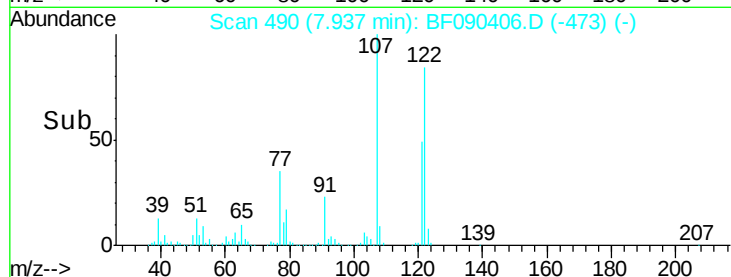
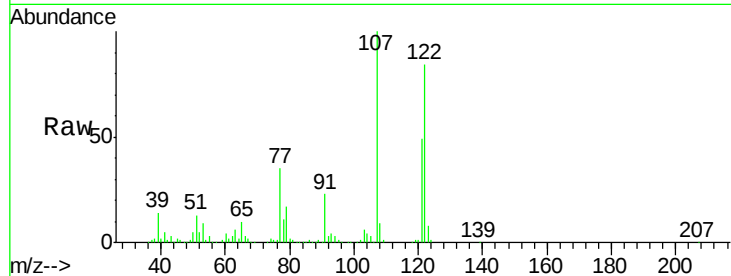
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	629780
Ion Ratio	Lower	Upper	
122	100		
107	118.8	88.6	132.8
121	58.8	47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 42.04 ng

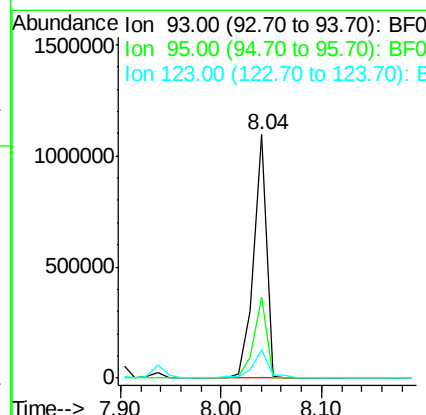
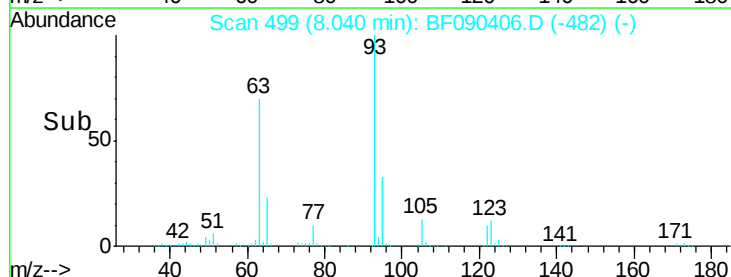
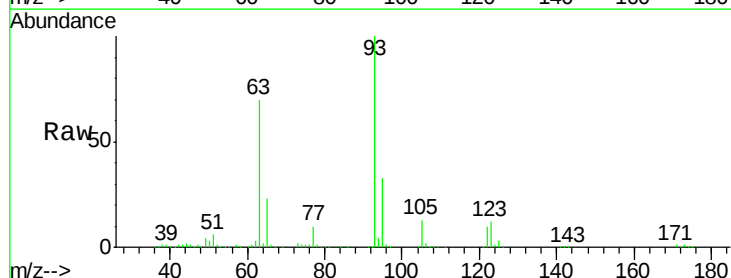
RT: 8.04 min Scan# 499

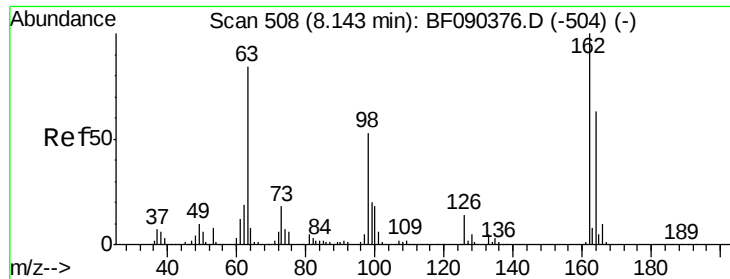
Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Tgt Ion:	93	Resp:	979538
Ion Ratio	Lower	Upper	
93	100		
95	33.0	27.0	40.4
123	11.7	11.1	16.7





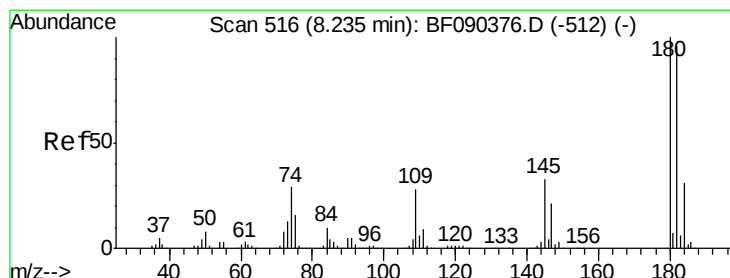
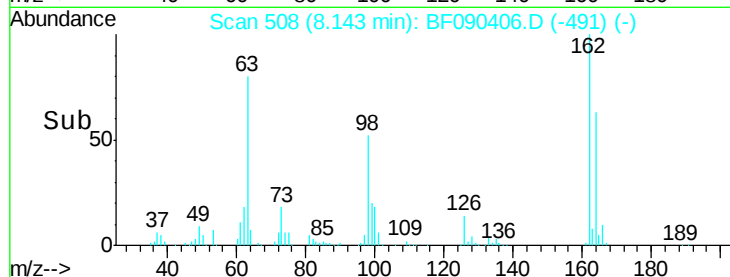
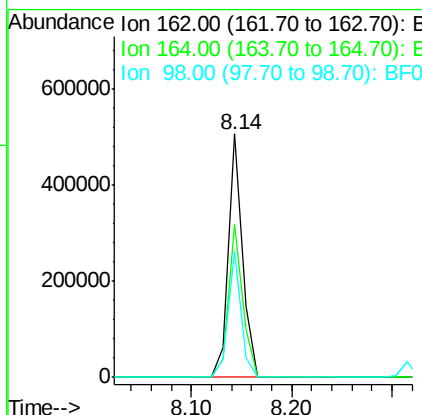
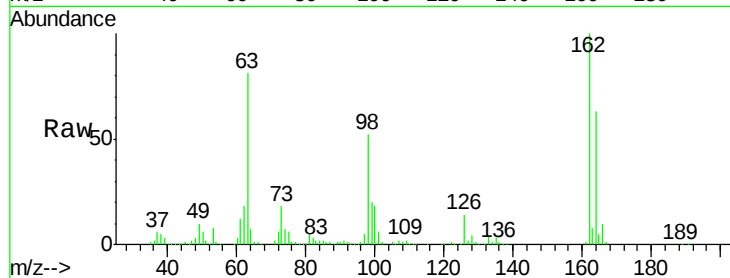
#29
 2,4-Dichlorophenol
 Concen: 36.41 ng
 RT: 8.14 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	495659		
164	62.6	45.7	85.7	
98	51.7	13.3	53.3	

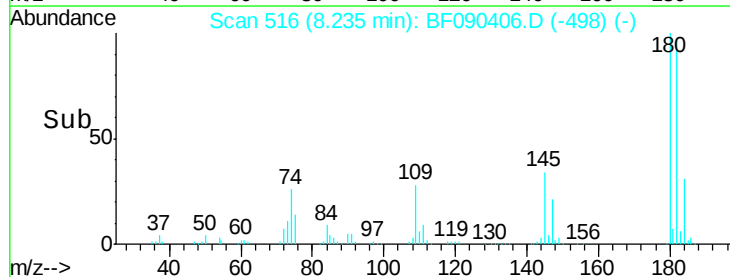
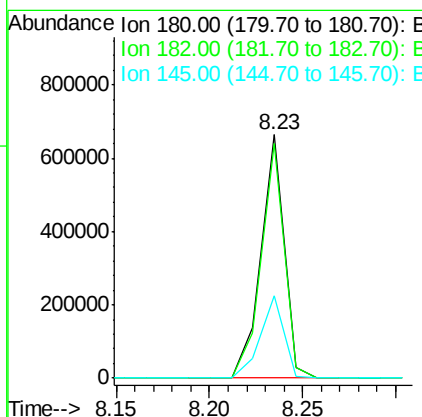
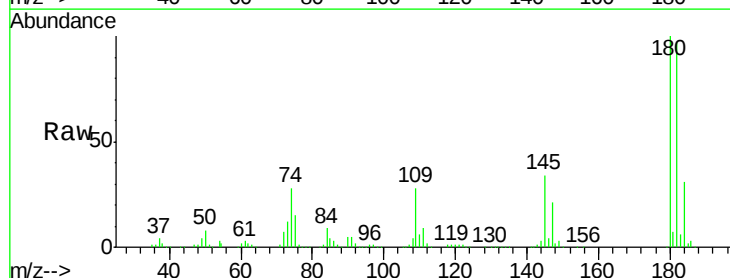
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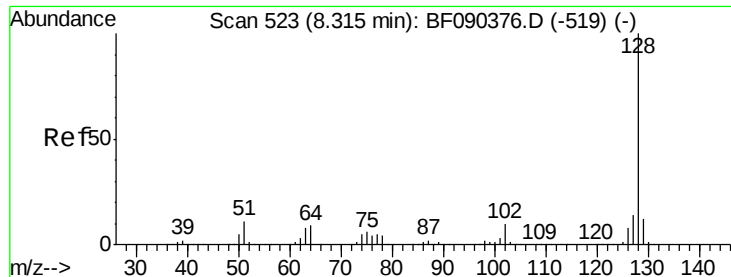
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.60 ng
 RT: 8.23 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	569656		
182	96.5	75.3	112.9	
145	34.1	27.7	41.5	





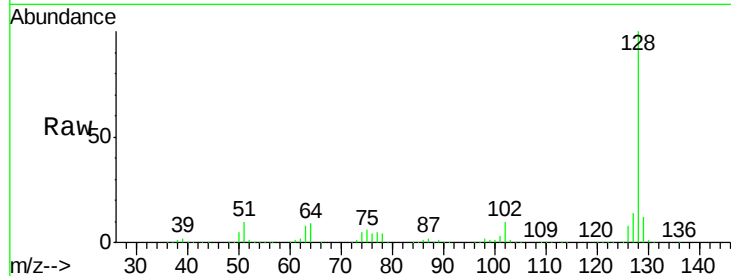
#31
Naphthalene
Concen: 35.77 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

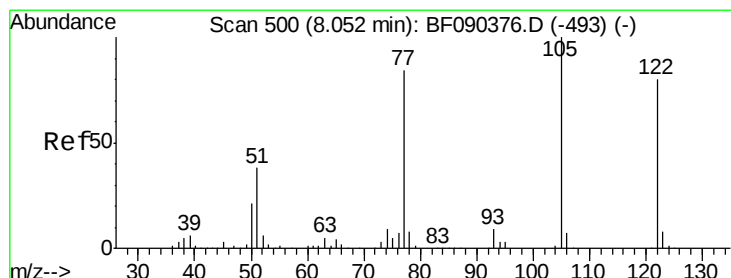
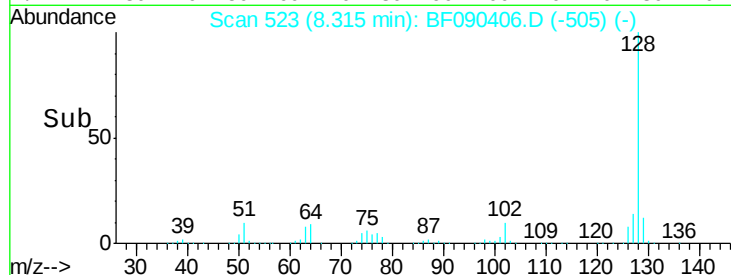
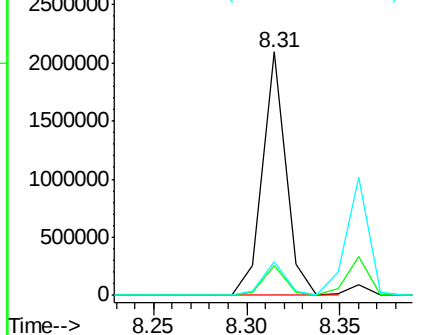
Tot Ion:128 Resp: 1808714
Ion Ratio Lower Upper
128 100
129 12.0 9.7 14.5
127 13.9 11.7 17.5

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10/6/2016 5:27:49 PM

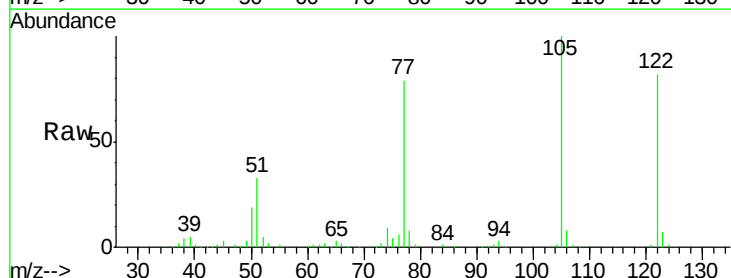


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

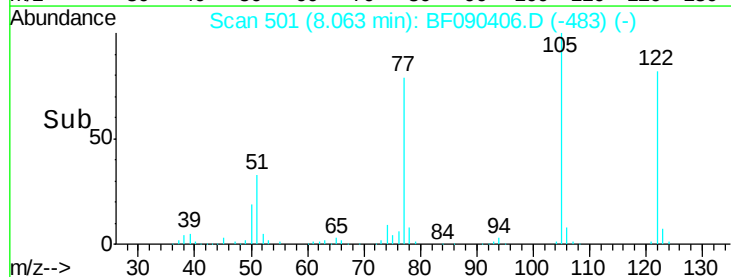
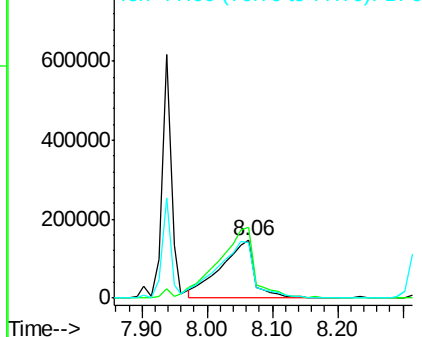


#32
Benzoic acid
Concen: 42.33 ng
RT: 8.06 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion:122 Resp: 526987
Ion Ratio Lower Upper
122 100
105 121.7 103.9 143.9
77 96.4 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





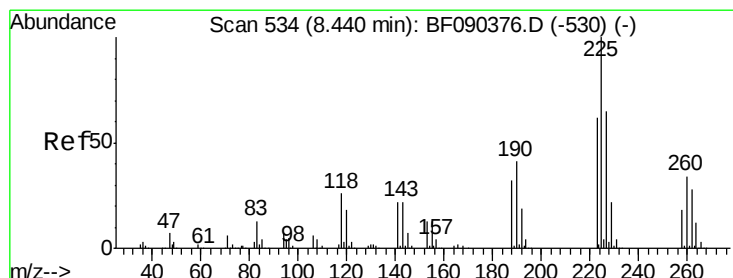
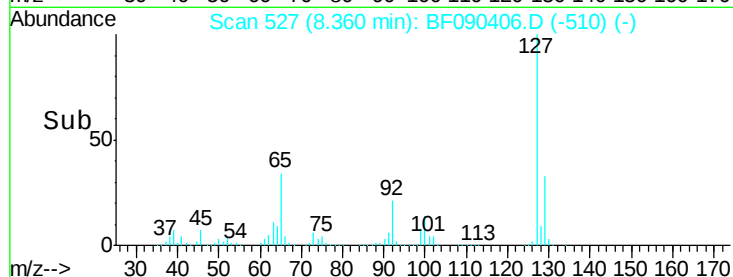
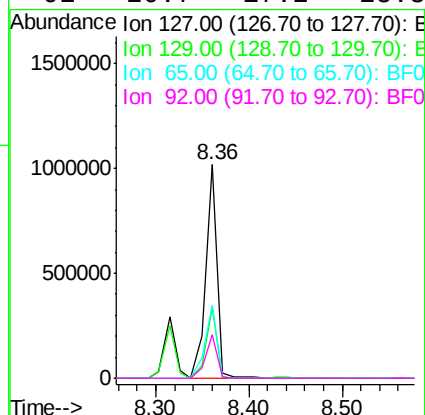
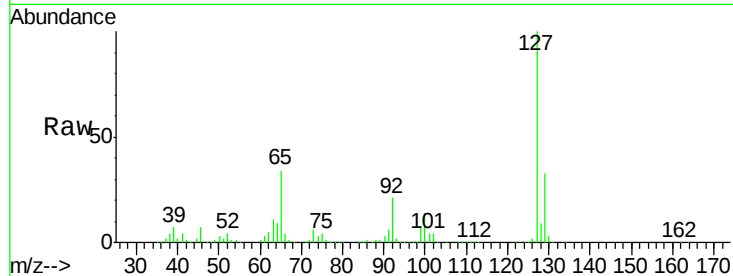
#33
4-Chloroaniline
Concen: 41.59 ng
RT: 8.36 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.2	39.4		
65	34.4	32.5	48.7		
92	20.7	17.2	25.8		

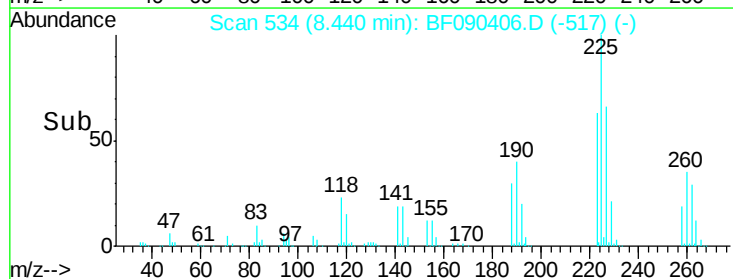
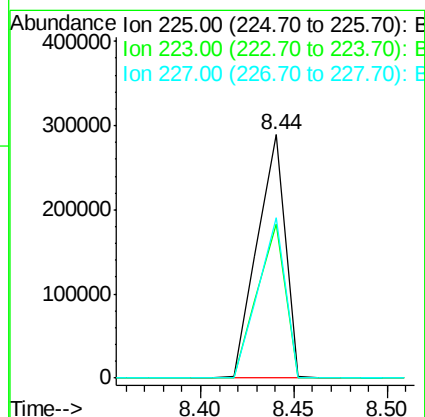
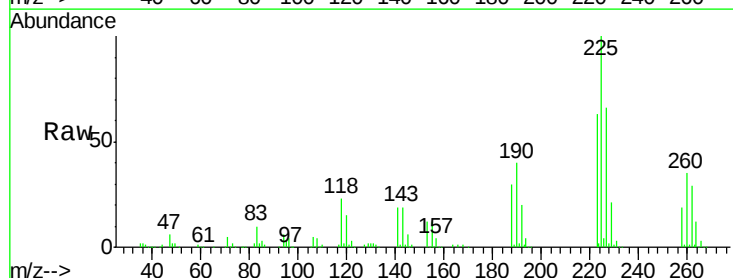
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10/6/2016 5:27:49 PM



#34
Hexachlorobutadiene
Concen: 38.23 ng
RT: 8.44 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.0	76.4		
227	65.8	50.8	76.2		





#35

Caprolactam

Concen: 39.45 ng

RT: 8.74 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 180563
Ion Ratio Lower Upper

113 100

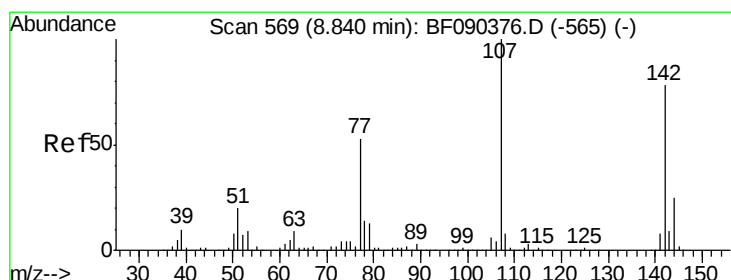
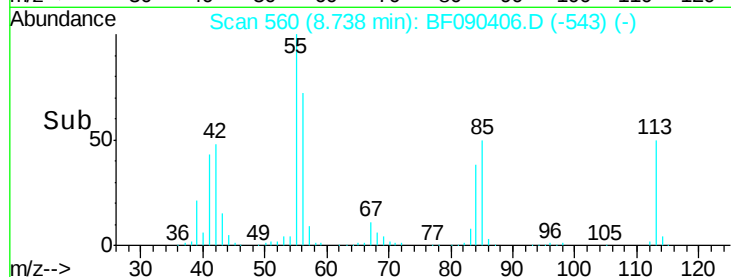
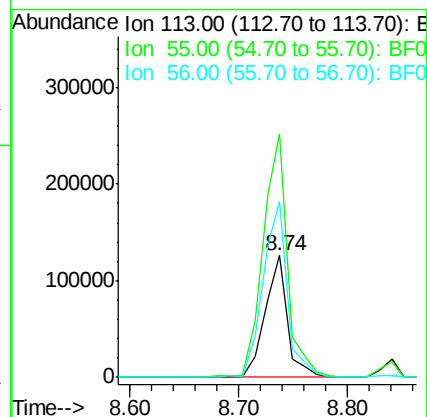
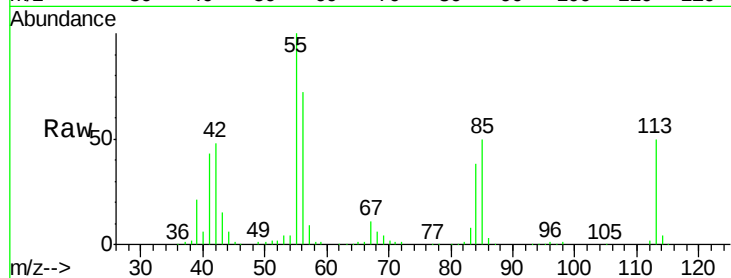
55 200.4 203.3 243.3#

56 144.9 140.5 180.5

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10/6/2016 5:27:49 PM



#36

4-Chloro-3-methylphenol

Concen: 40.45 ng

RT: 8.84 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF090406.D

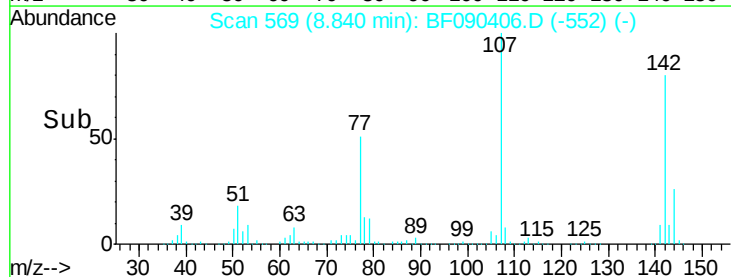
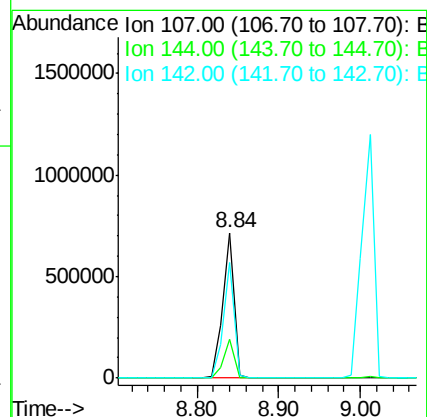
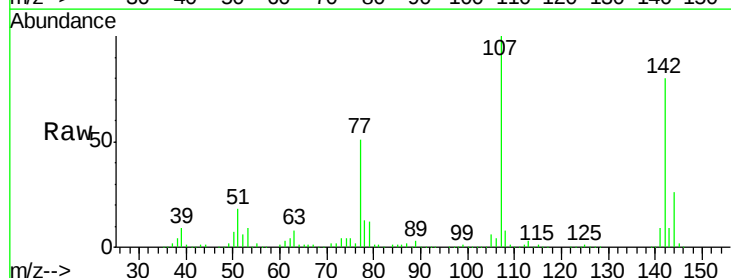
Acq: 6 Oct 2016 3:25

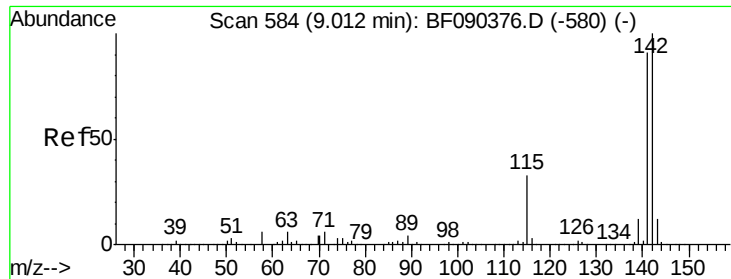
Tgt Ion:107 Resp: 689501
Ion Ratio Lower Upper

107 100

144 26.4 19.8 29.8

142 79.8 60.7 91.1





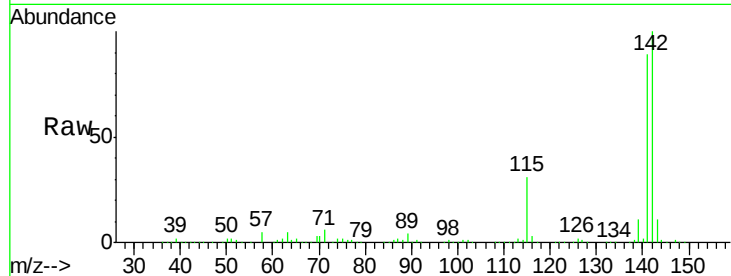
#37
2-Methylnaphthalene
Concen: 40.54 ng
RT: 9.01 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.8	107.8
115	31.5	28.8	43.2

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10/6/2016 5:27:49 PM

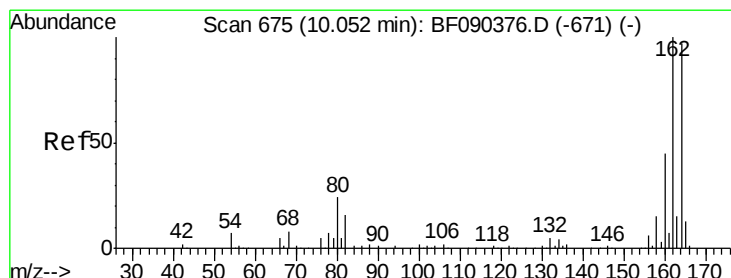
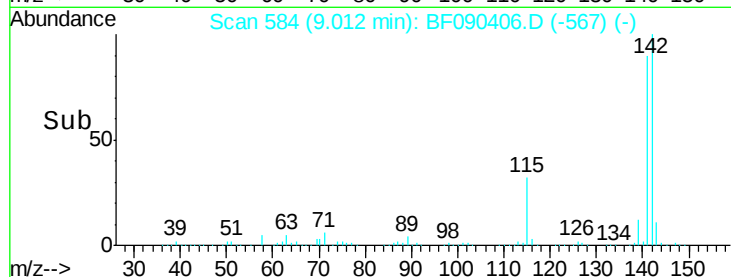
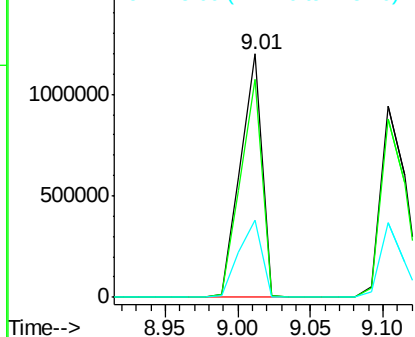


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

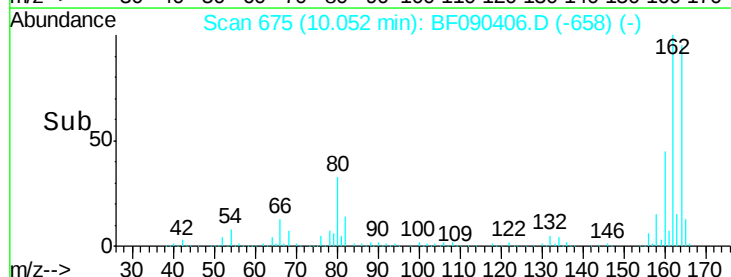
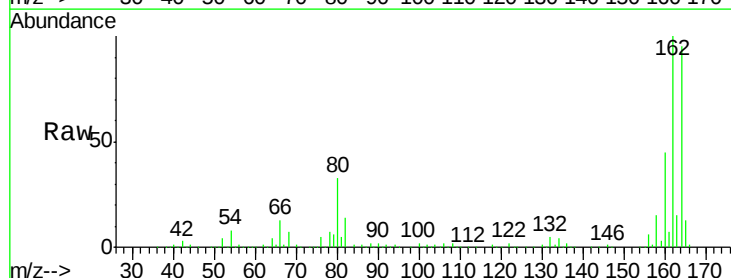
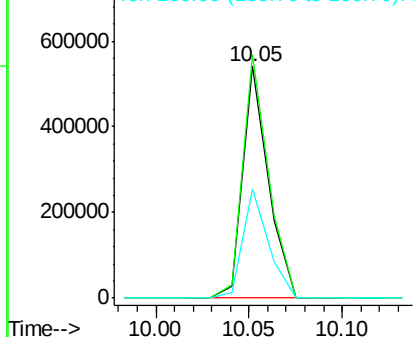
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.1	120.1
160	47.0	36.3	54.5

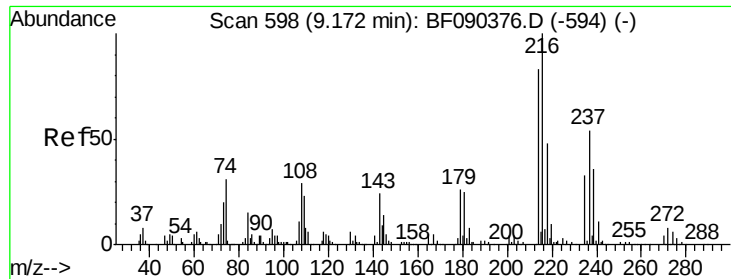
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.33 ng

RT: 9.17 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

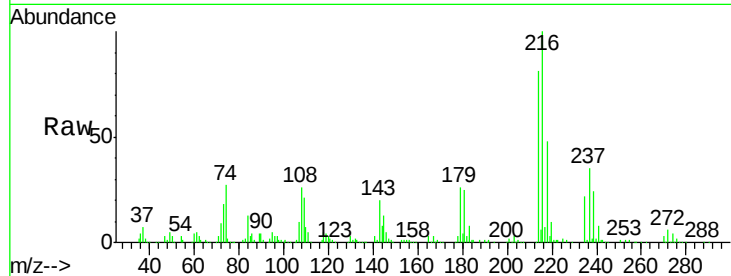
ClientSampleId :

SSTDCCC040

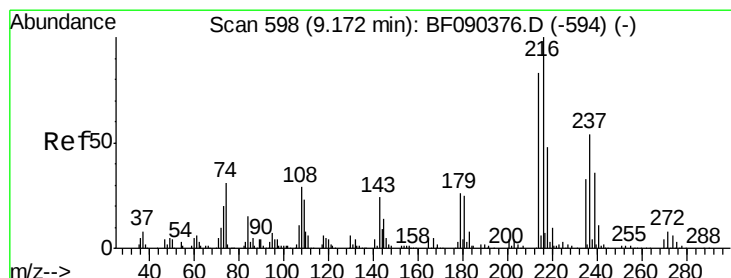
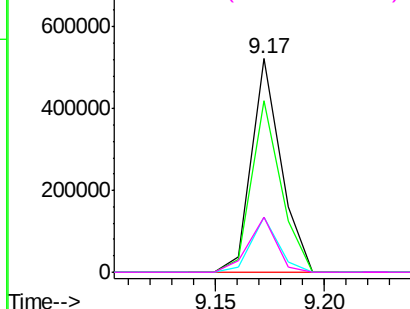
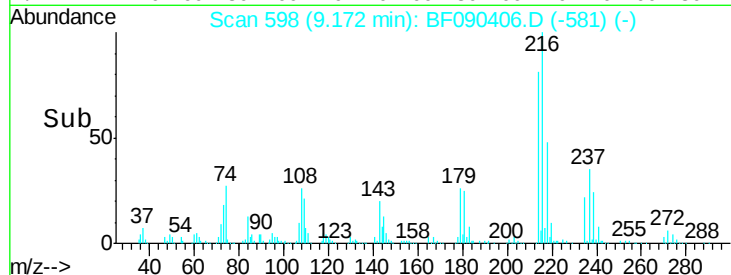
Tot Ion	Ratio	Resp	Lower	Upper
216	100	493751		
214	79.9	64.2	96.2	
179	23.9	18.0	27.0	
108	24.2	15.2	22.8	

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10/6/2016 5:27:49 PM



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.76 ng

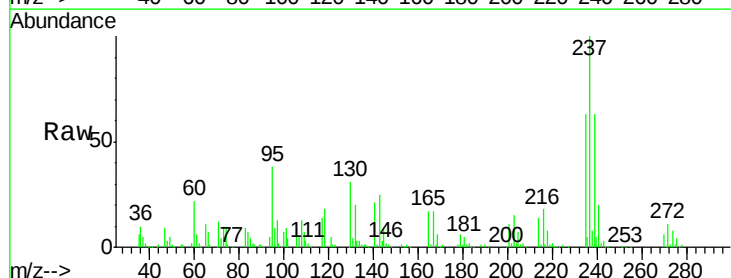
RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

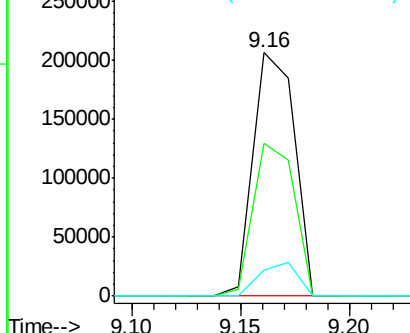
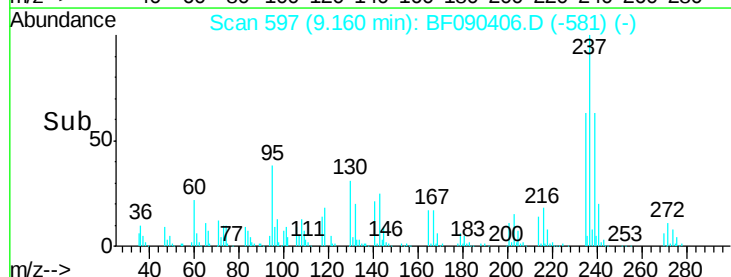
Lab File: BF090406.D

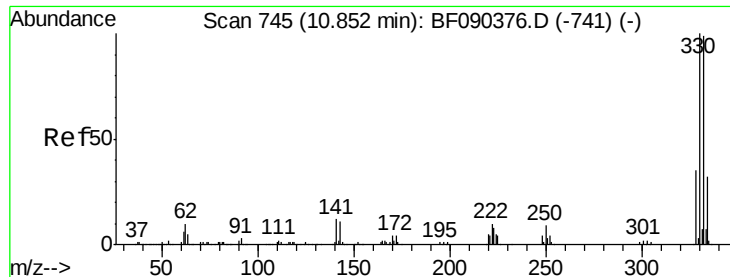
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	273848		
235	62.7	43.6	83.6	
272	10.8	0.0	32.7	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





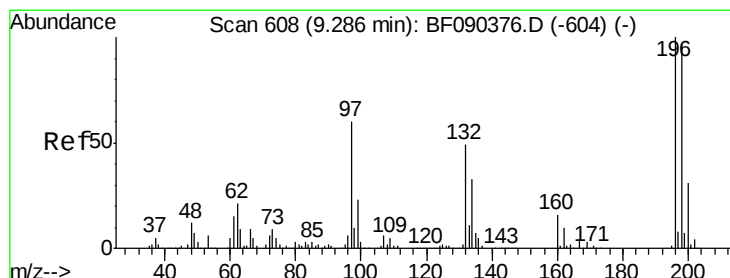
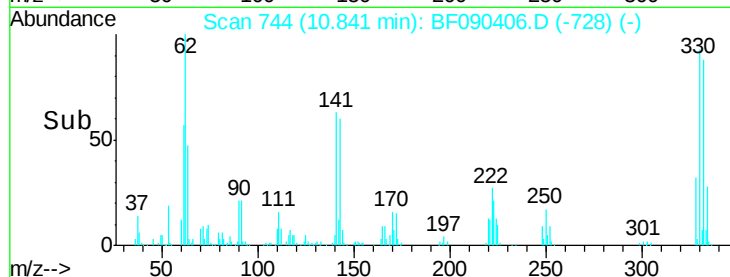
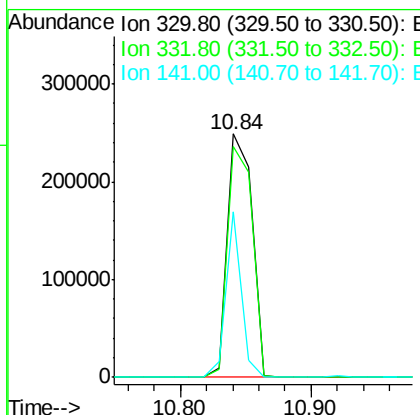
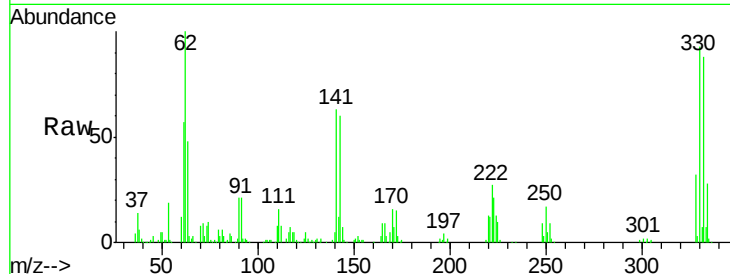
#41
 2,4,6-Tribromophenol
 Concen: 77.98 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	75.4	113.0	
141	42.8	26.9	40.3	

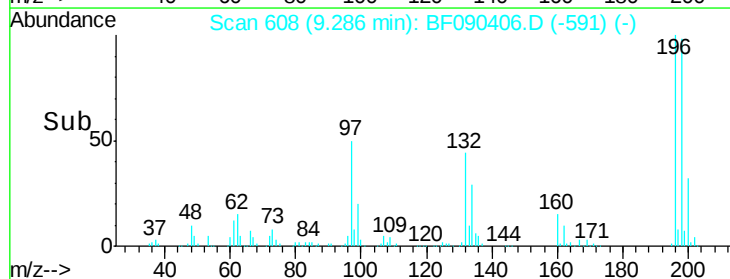
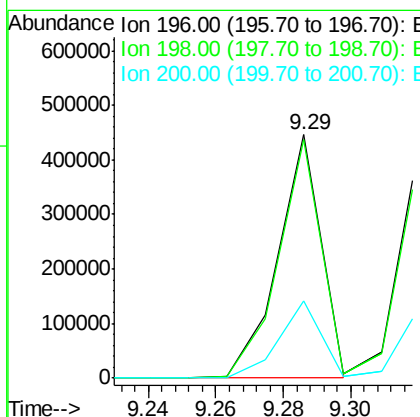
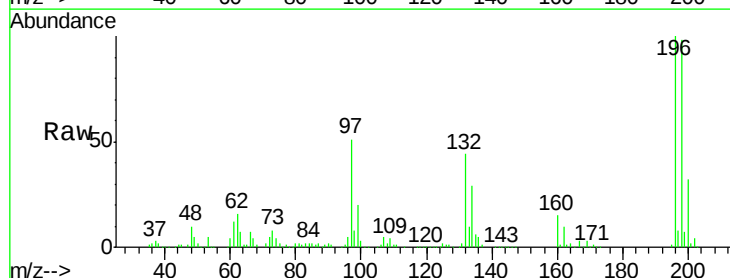
Manual Integrations
 APPROVED

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#42
 2,4,6-Trichlorophenol
 Concen: 41.81 ng m
 RT: 9.29 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.2	78.9	118.3	
200	31.6	25.4	38.2	





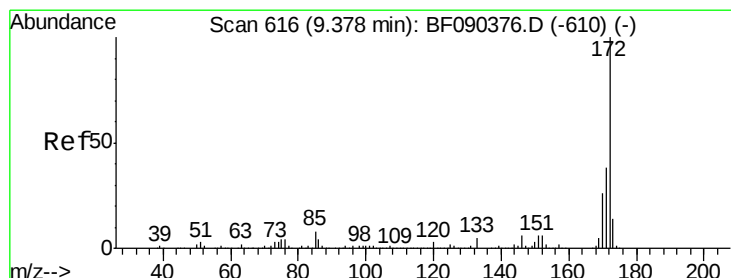
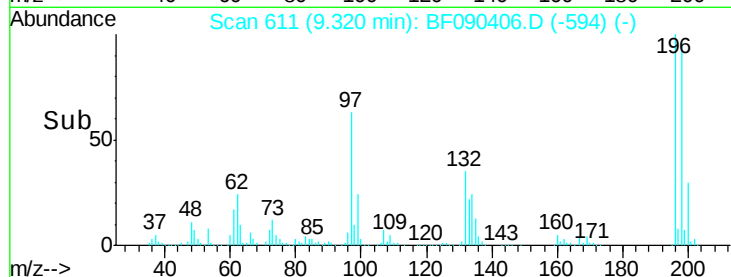
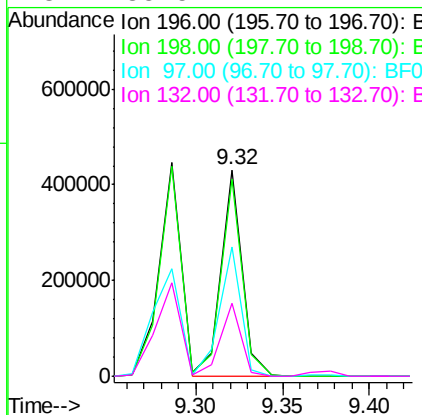
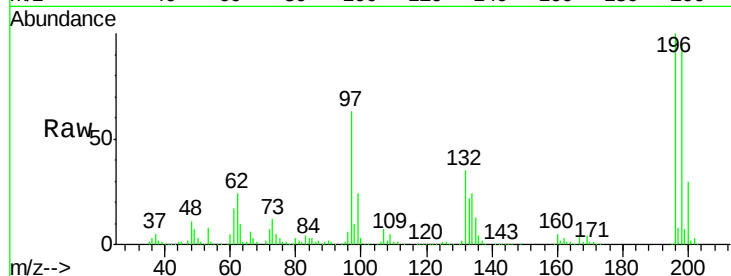
#43
 2,4,5-Trichlorophenol
 Concen: 41.16 ng/ml
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	364975
Ion Ratio	Lower	Upper	
196	100		
198	95.8	78.1	117.1
97	62.8	48.1	72.1
132	35.5	27.4	41.2

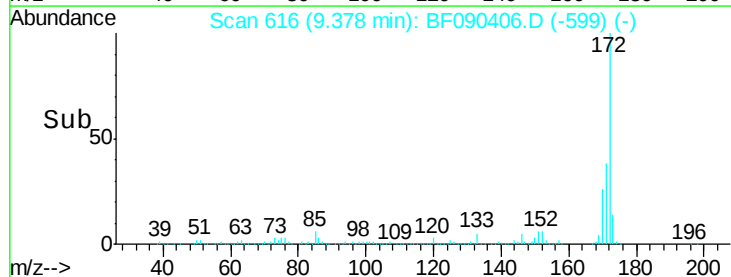
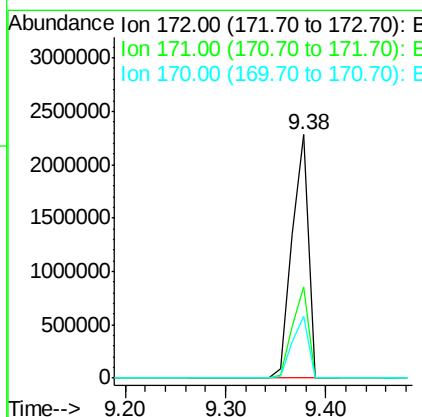
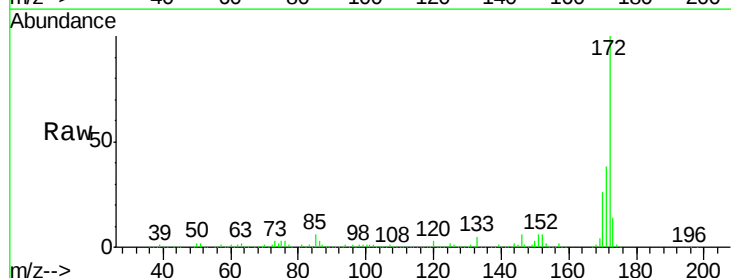
Manual Integrations
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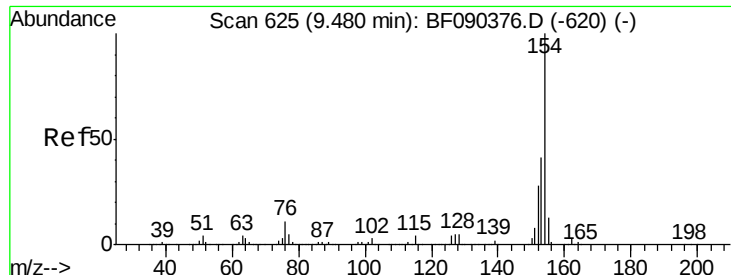
SOHIL
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#44
 2-Fluorobiphenyl
 Concen: 82.69 ng/ml
 RT: 9.38 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Tgt Ion	172	Resp	2558368
Ion Ratio	Lower	Upper	
172	100		
171	37.7	31.8	47.8
170	25.5	21.7	32.5





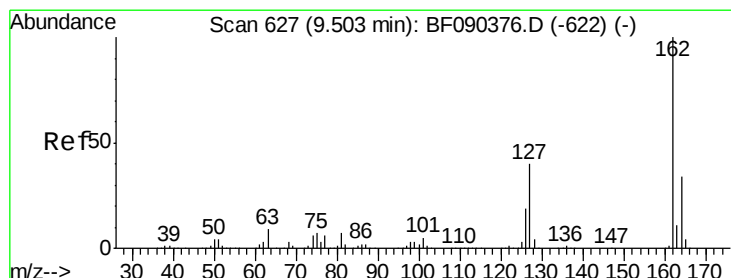
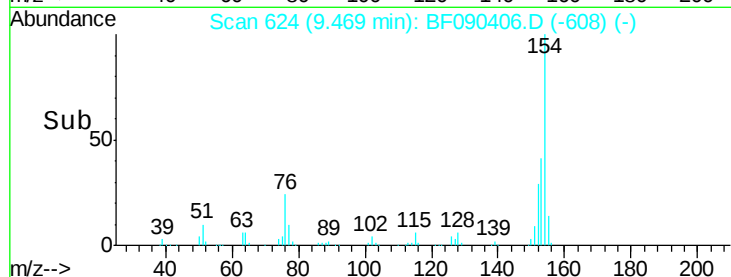
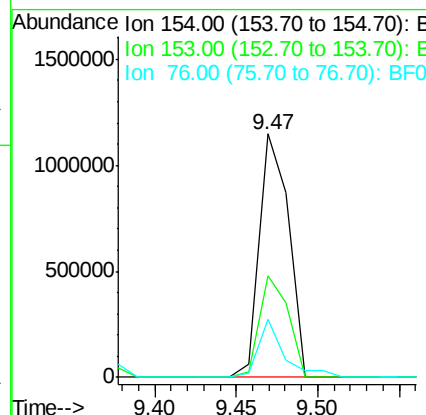
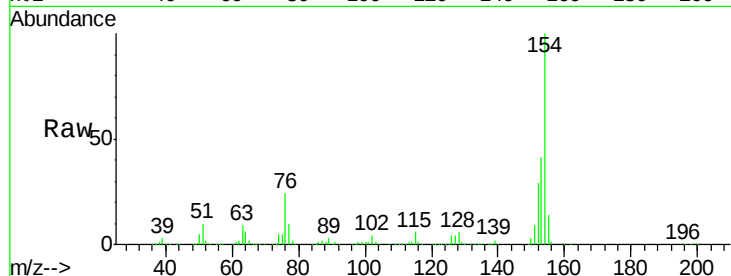
#45
1,1'-Biphenyl
Concen: 37.35 ng
RT: 9.47 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:154 Resp: 1426885
Ion Ratio Lower Upper
154 100
153 41.5 23.8 63.8
76 23.7 0.0 35.8

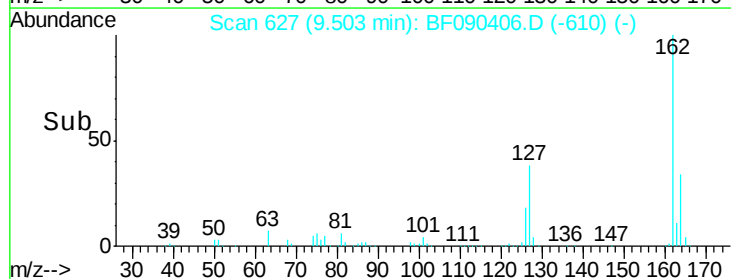
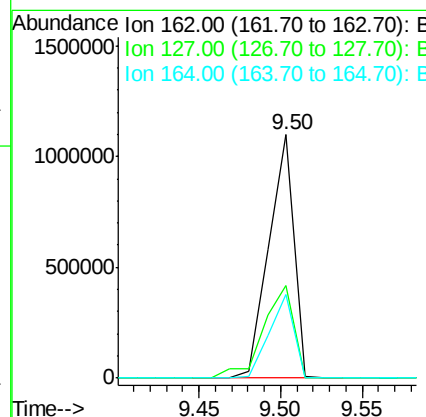
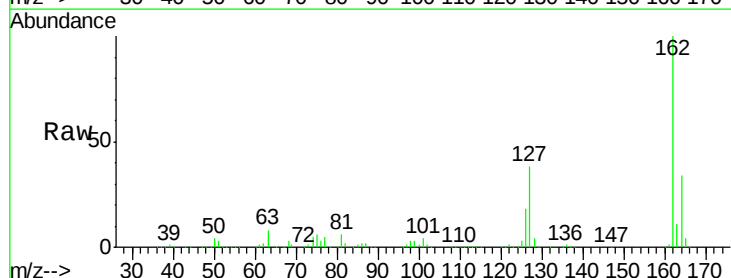
Manual Integrations
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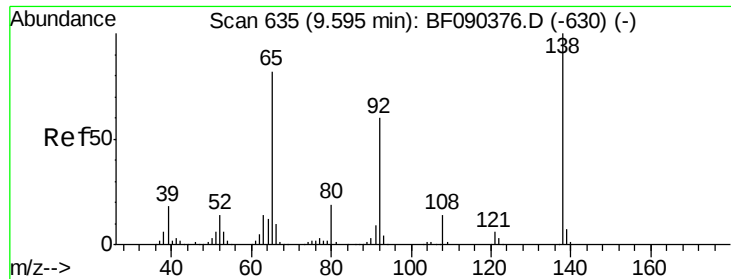
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#46
2-Chloronaphthalene
Concen: 41.76 ng
RT: 9.50 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion:162 Resp: 1178743
Ion Ratio Lower Upper
162 100
127 38.2 35.6 53.4
164 34.2 27.5 41.3





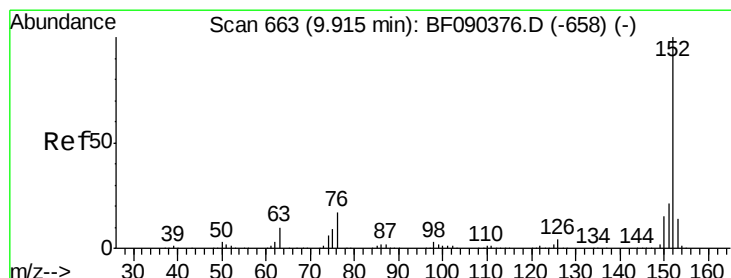
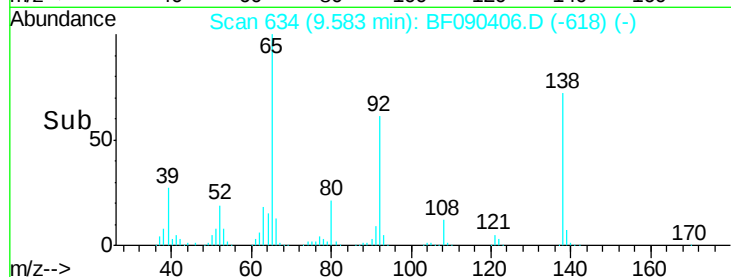
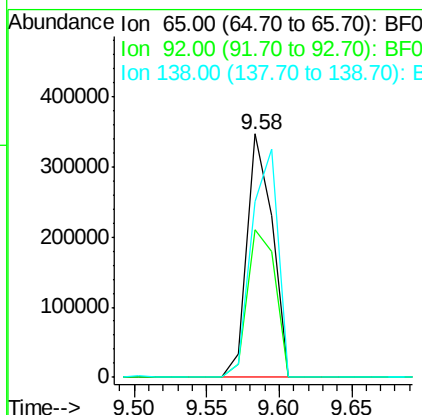
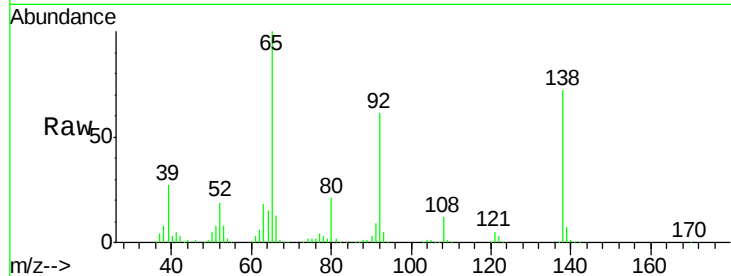
#47
2-Nitroaniline
Concen: 37.76 ng
RT: 9.58 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.5	51.7	77.5
138	72.1	79.0	118.4

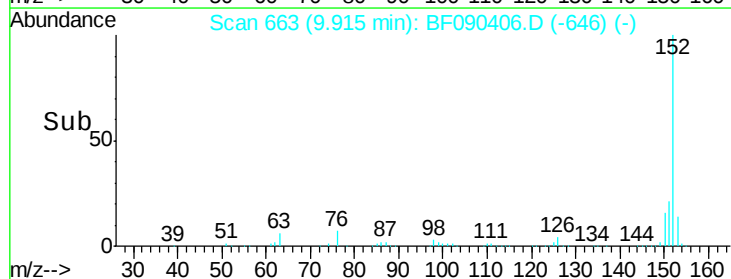
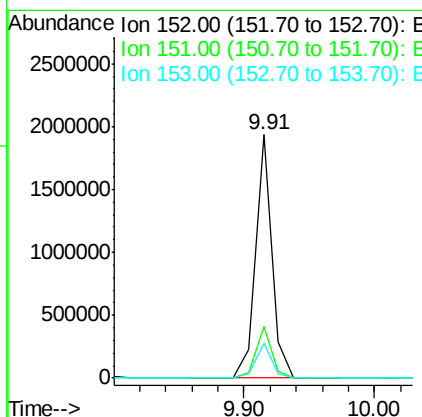
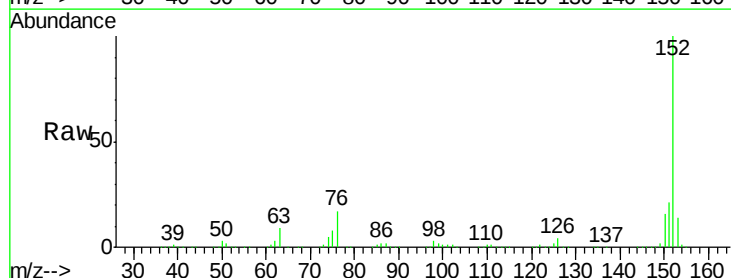
Manual Integrations
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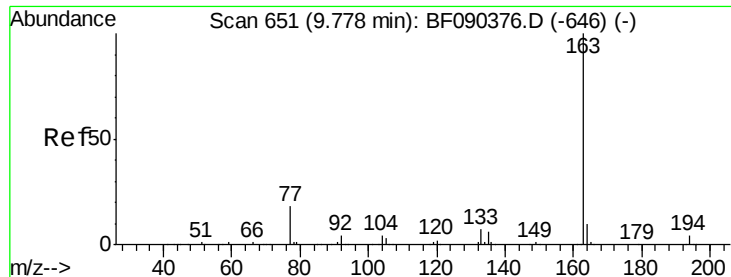
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#48
Acenaphthylene
Concen: 36.15 ng
RT: 9.91 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.4	26.0
153	14.3	11.6	17.4





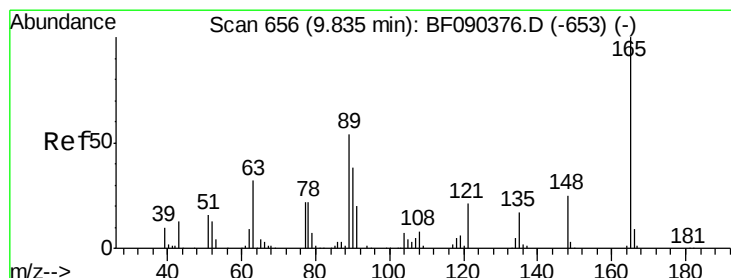
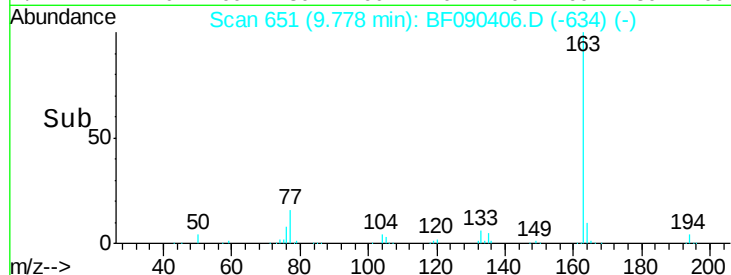
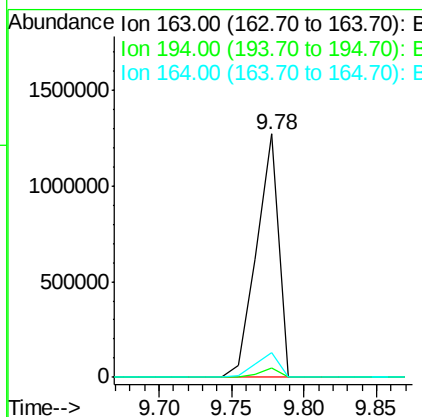
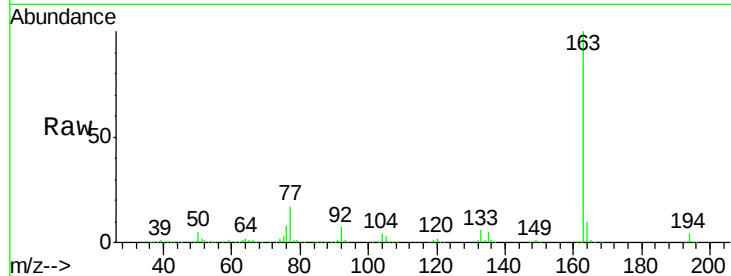
#49
Dimethylphthalate
Concen: 40.70 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1343746
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.3 9.0 13.4

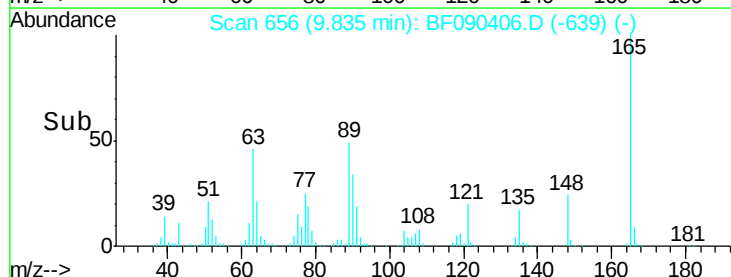
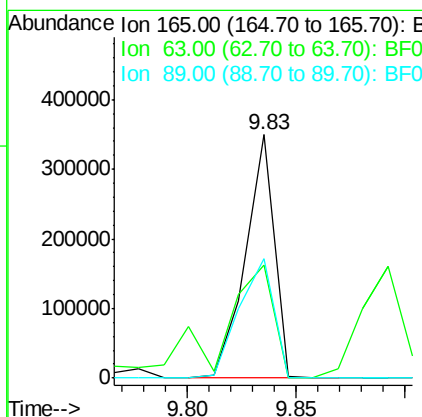
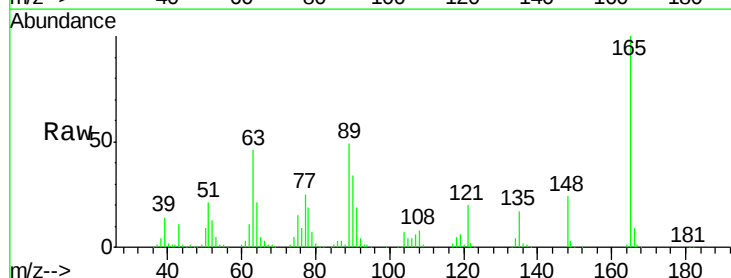
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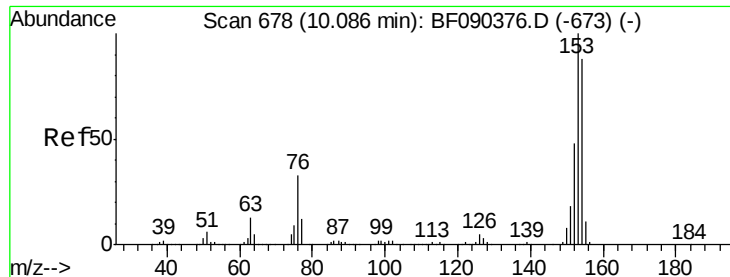
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#50
2,6-Dinitrotoluene
Concen: 43.60 ng
RT: 9.83 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion:165 Resp: 319580
Ion Ratio Lower Upper
165 100
63 46.3 58.0 87.0#
89 49.3 51.2 76.8#





#51

Acenaphthene

Concen: 36.09 ng

RT: 10.09 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1047905

Ion Ratio Lower Upper

154 100

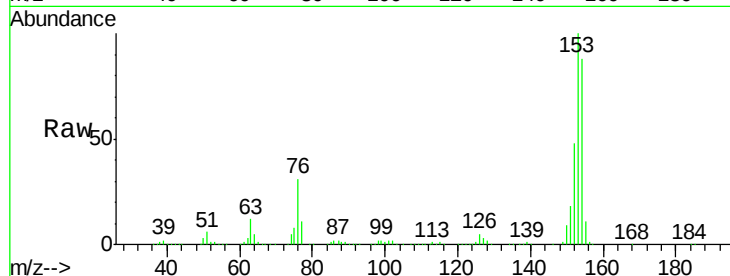
153 113.1 88.6 133.0

152 54.5 42.6 64.0

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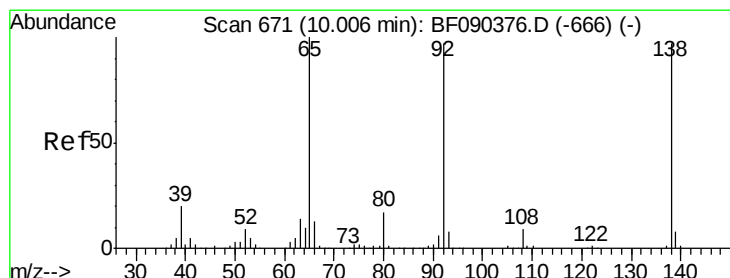
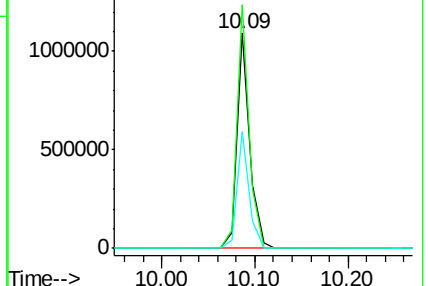
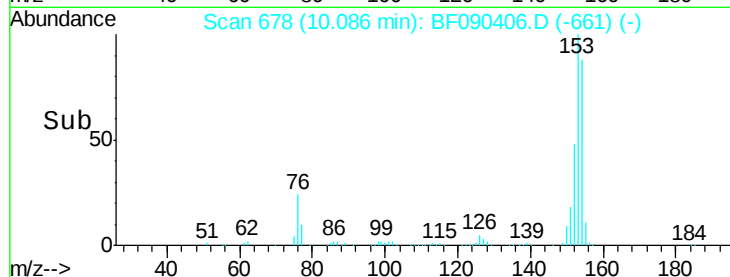
10/6/2016 5:27:49 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.74 ng

RT: 10.01 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

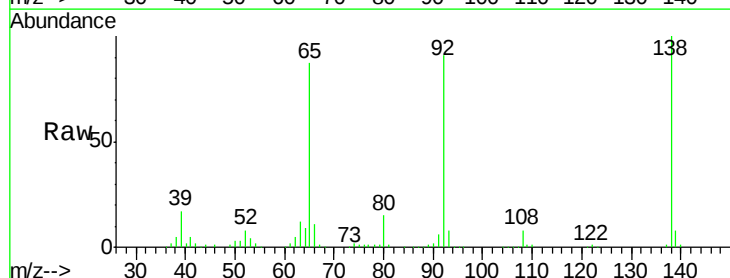
Tgt Ion:138 Resp: 348868

Ion Ratio Lower Upper

138 100

108 8.2 9.7 14.5#

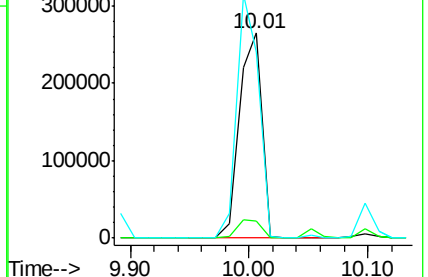
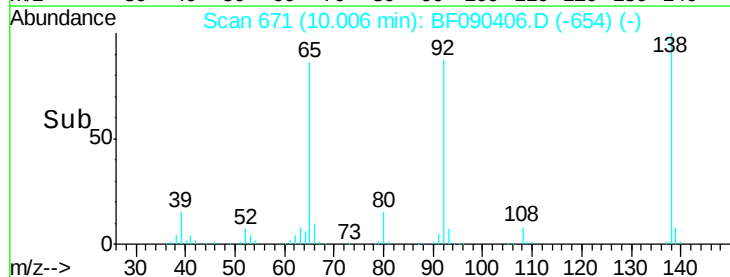
92 90.7 97.1 145.7#

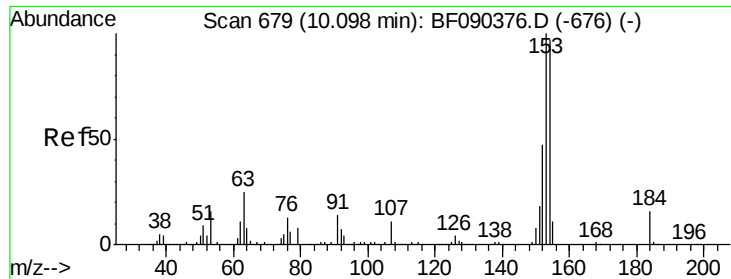


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





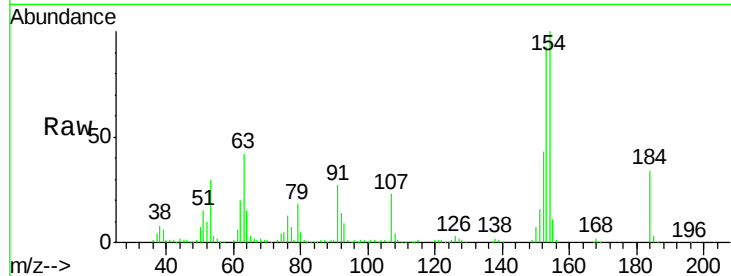
#53
2,4-Dinitrophenol
Concen: 35.99 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

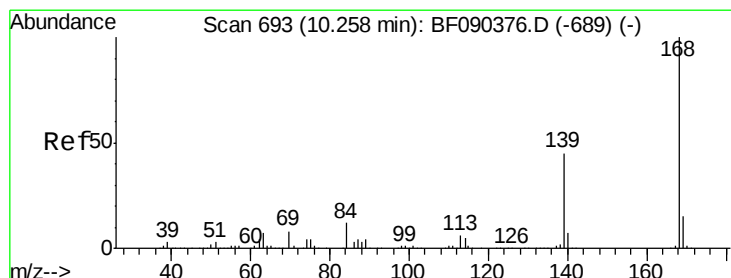
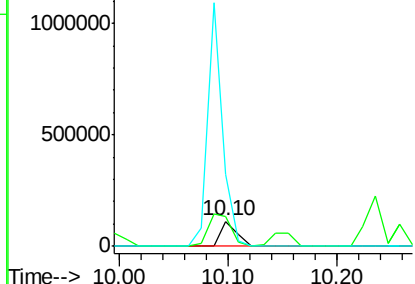
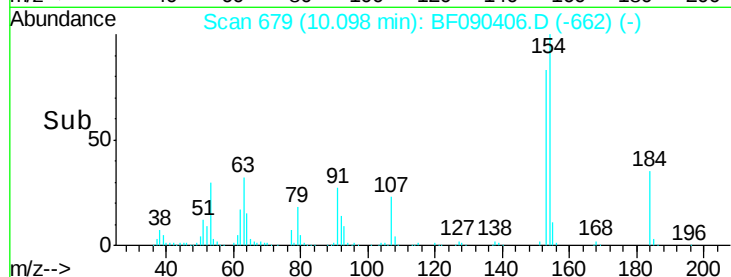
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	121.9	41.9	62.9#	
154	290.1	48.9	73.3#	

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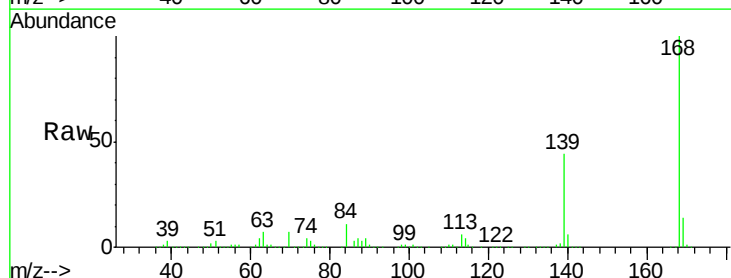


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

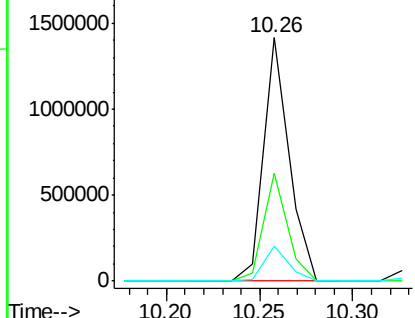
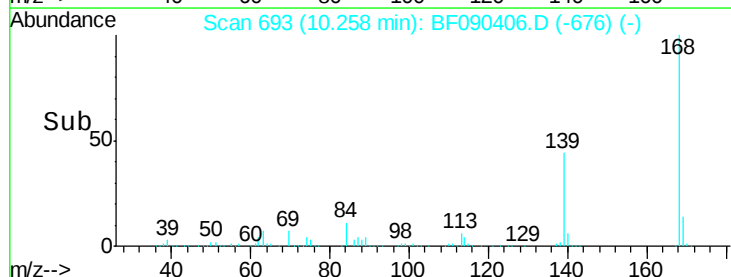


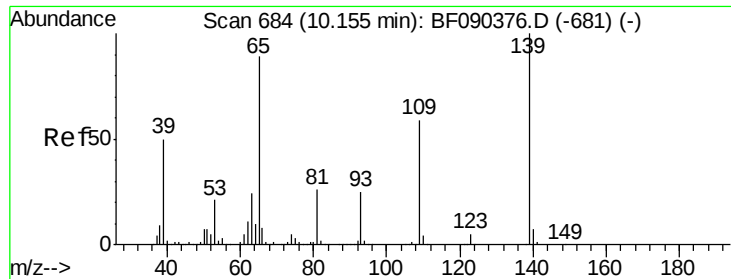
#54
Dibenzofuran
Concen: 35.28 ng
RT: 10.26 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.4	29.6	44.4	
169	14.4	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 42.25 ng

RT: 10.15 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

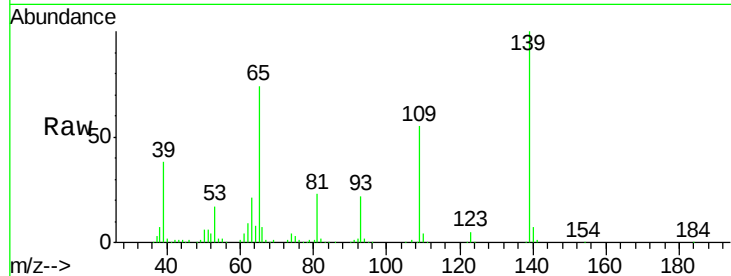
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	54.6	43.6	83.6
65	74.1	87.5	127.5

Manual Integrations
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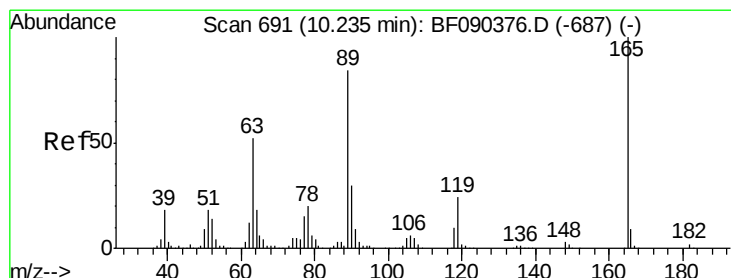
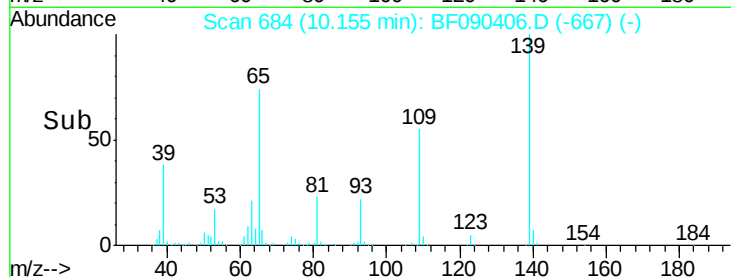
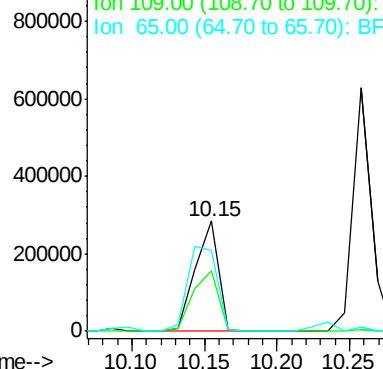


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.22 ng

RT: 10.23 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.6	17.8	26.6
89	79.5	33.2	49.8
182	2.2	2.1	3.1

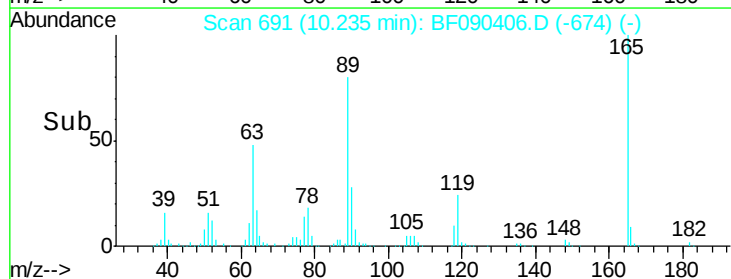
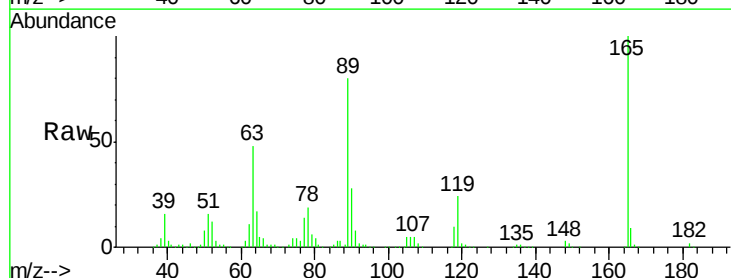
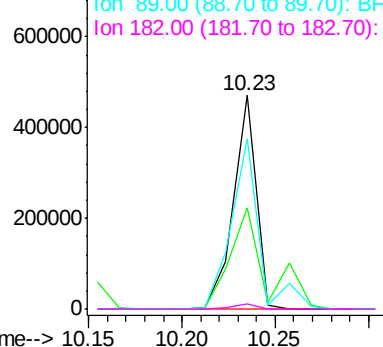
Abundance

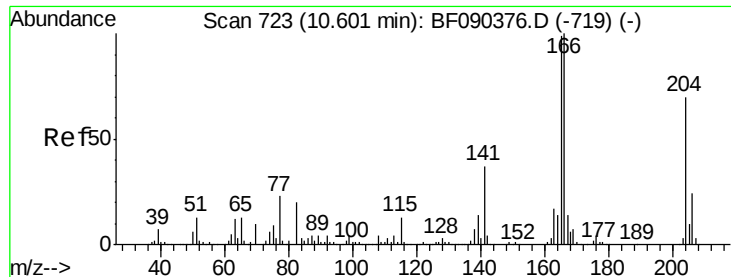
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.35 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1179770

Ion Ratio Lower Upper

166 100

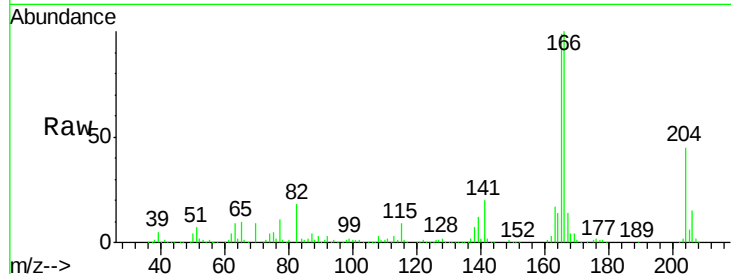
165 98.8 79.2 118.8

167 14.3 11.1 16.7

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SOHIL

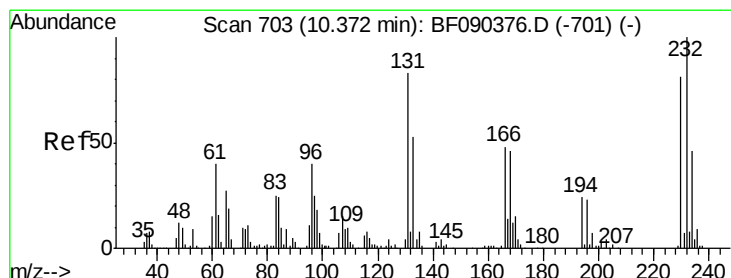
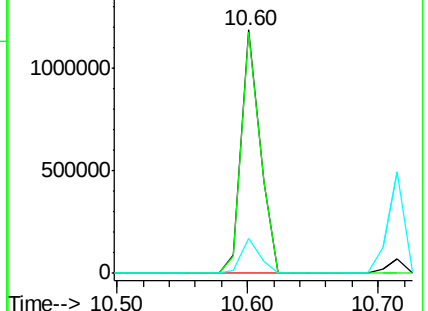
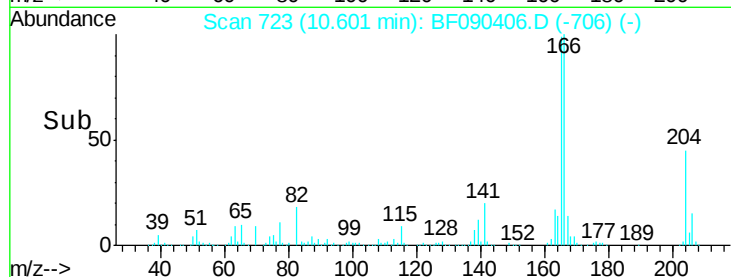
10/6/2016 5:27:49 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.68 ng

RT: 10.37 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Tgt Ion:232 Resp: 249554

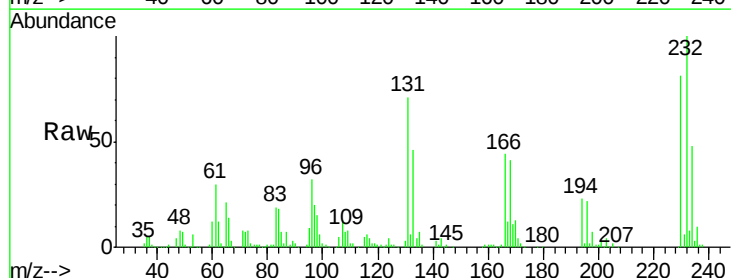
Ion Ratio Lower Upper

232 100

131 61.4 34.5 51.7#

130 2.8 1.6 2.4#

166 39.2 23.8 35.8#

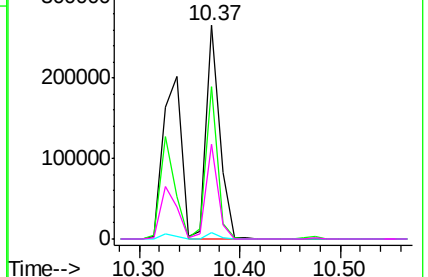
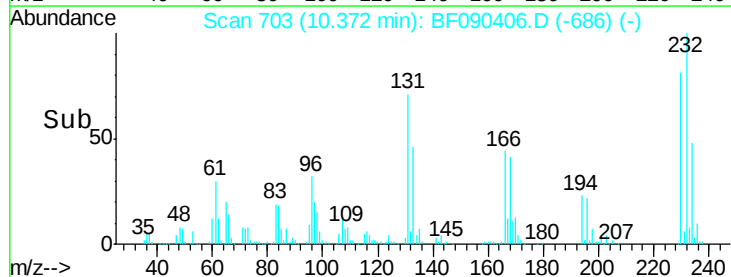


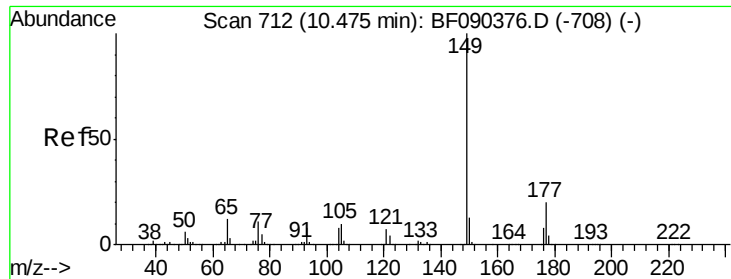
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





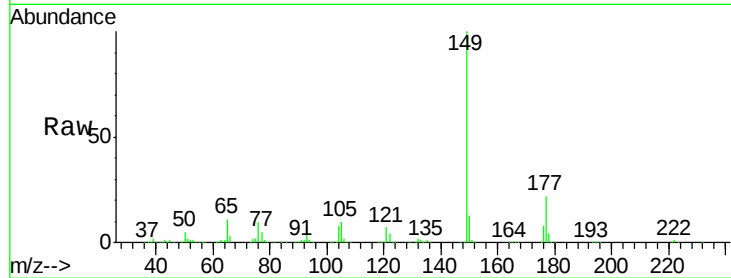
#59
Diethylphthalate
Concen: 39.06 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

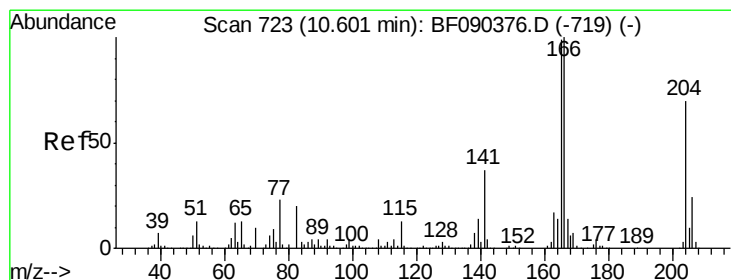
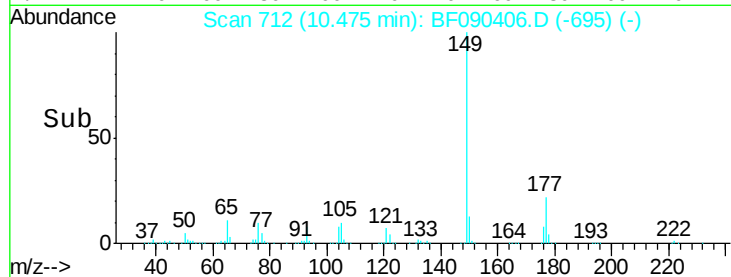
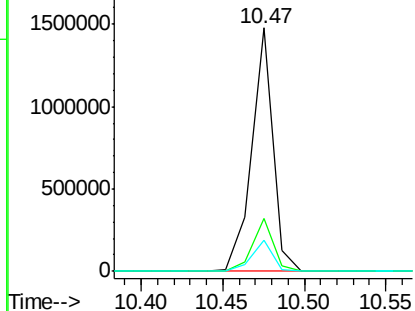
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	21.1	31.7
150	12.9	10.2	15.2

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10/6/2016 5:27:49 PM

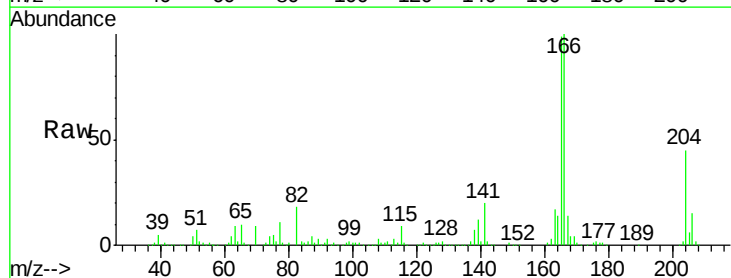


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

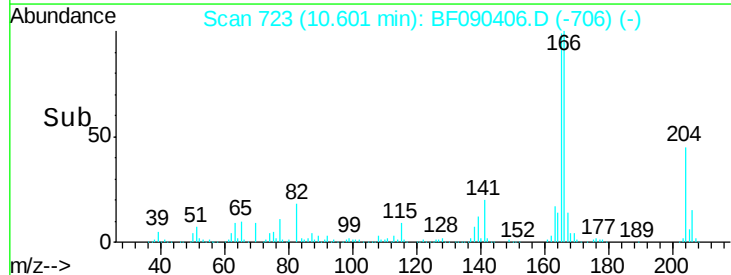
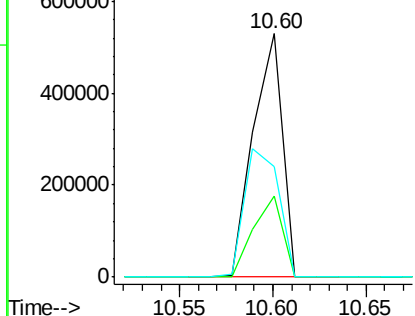


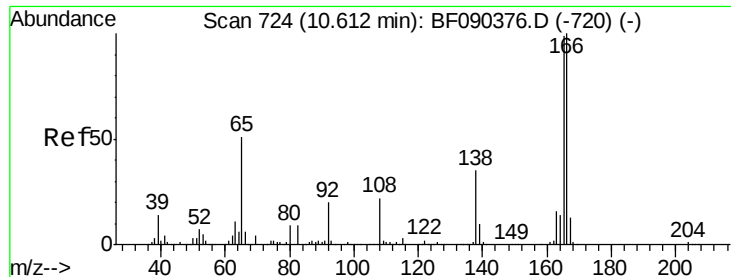
#60
4-Chlorophenyl-phenylether
Concen: 40.65 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	45.5	51.7	77.5#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.37 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

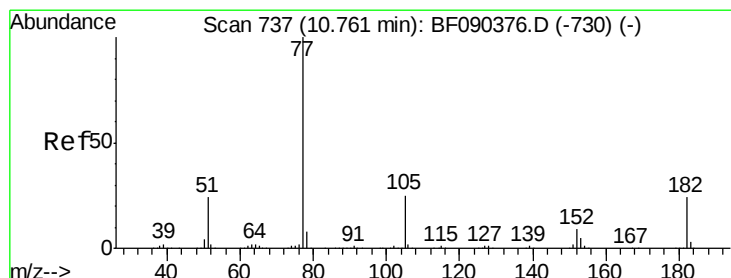
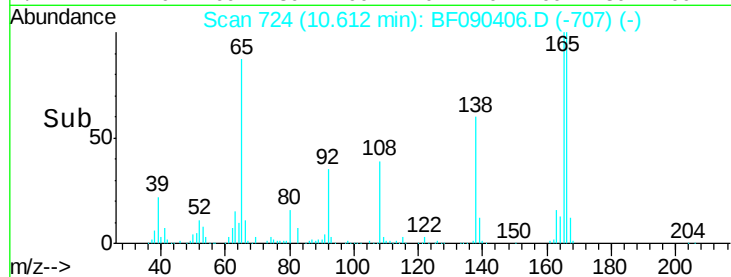
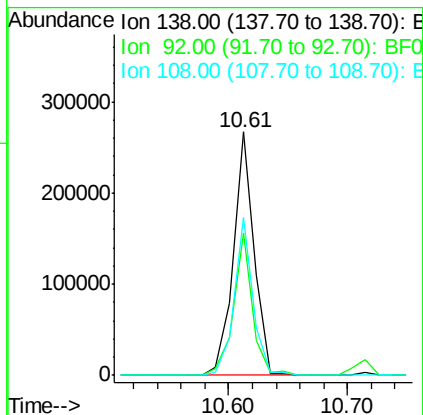
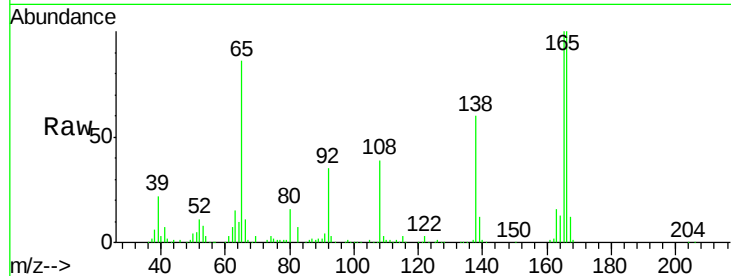
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	322388		
92	58.3	33.2	73.2	
108	65.0	48.5	88.5	

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10/6/2016 5:27:49 PM



#62

Azobenzene

Concen: 41.05 ng

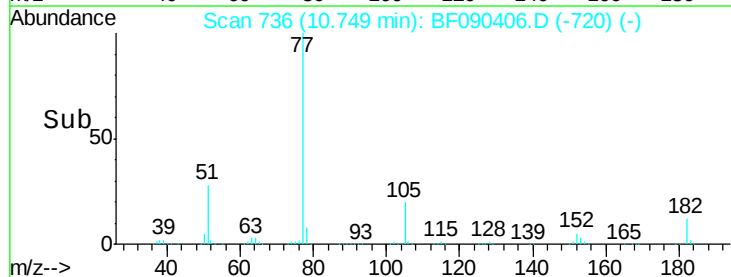
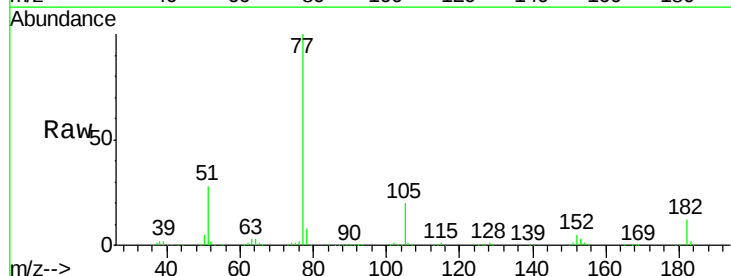
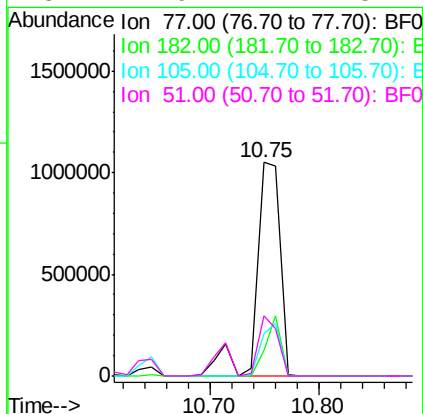
RT: 10.75 min Scan# 736

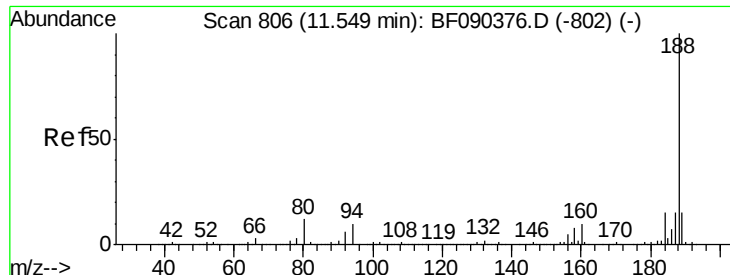
Delta R.T. -0.01 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1619595		
182	11.8	3.2	43.2	
105	19.8	2.9	42.9	
51	27.9	14.2	54.2	





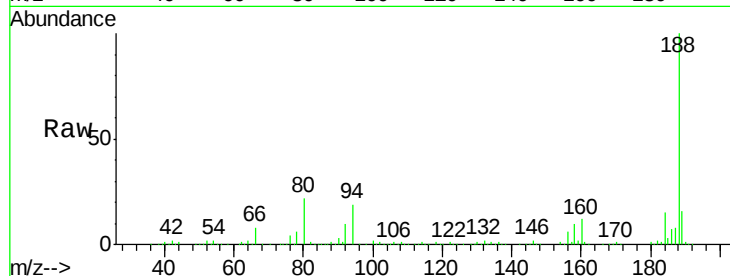
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

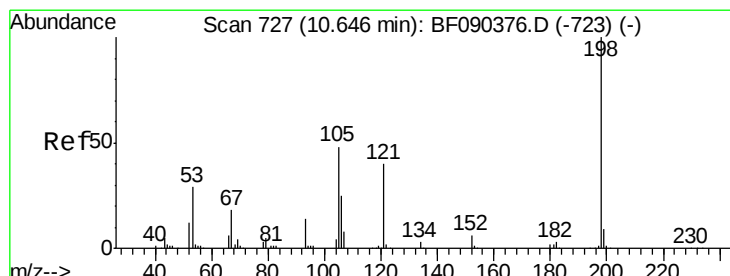
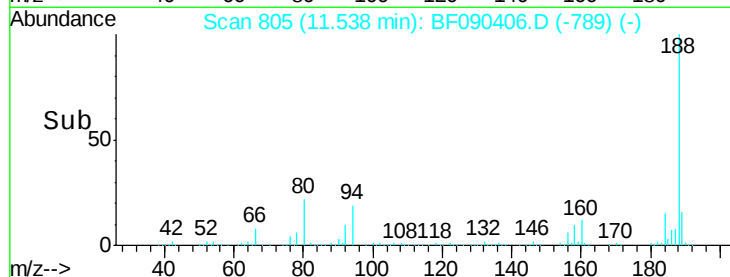
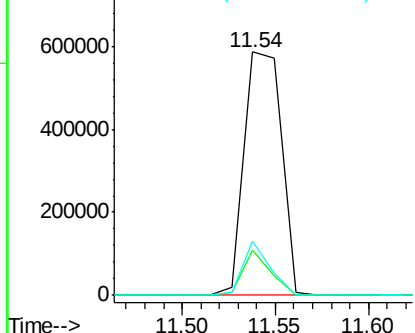
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	18.6	8.2	12.2#
80	22.4	8.8	13.2#

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10/6/2016 5:27:49 PM



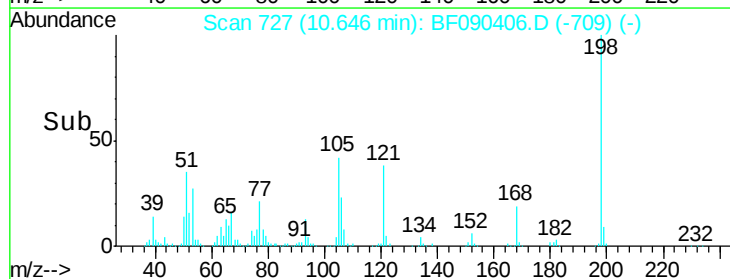
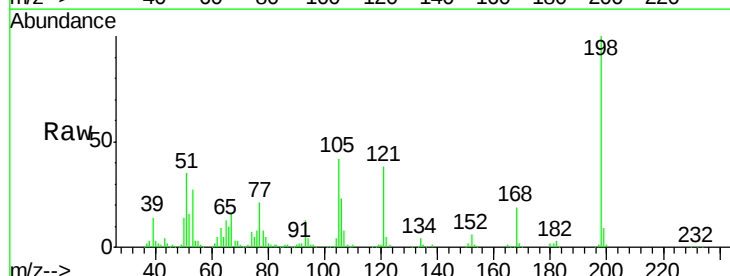
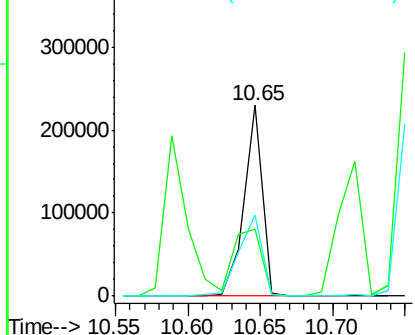
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

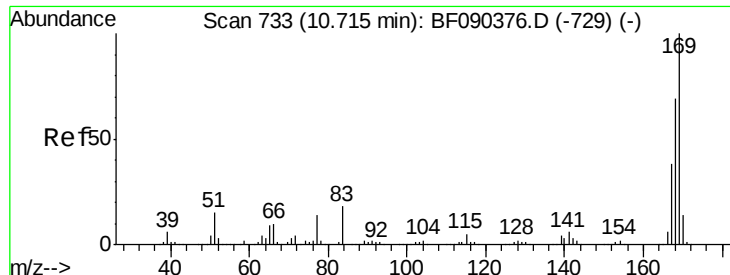


#64
4,6-Dinitro-2-methylphenol
Concen: 37.70 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	35.2	67.3	107.3#
105	42.5	42.6	82.6#

Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





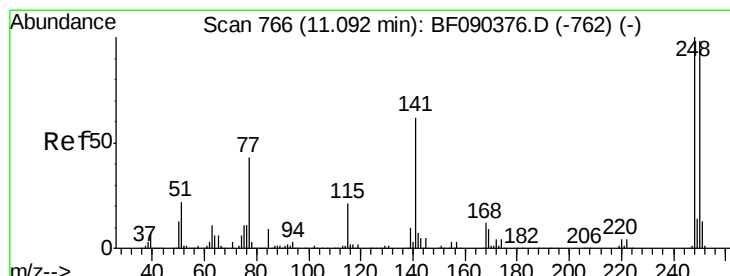
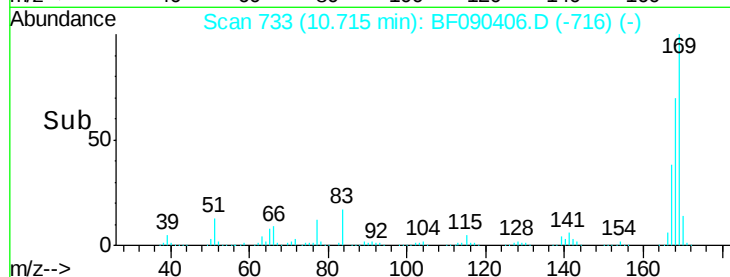
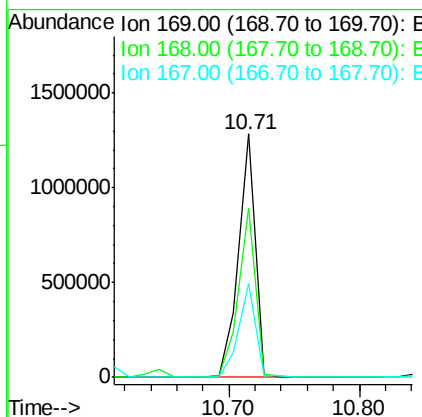
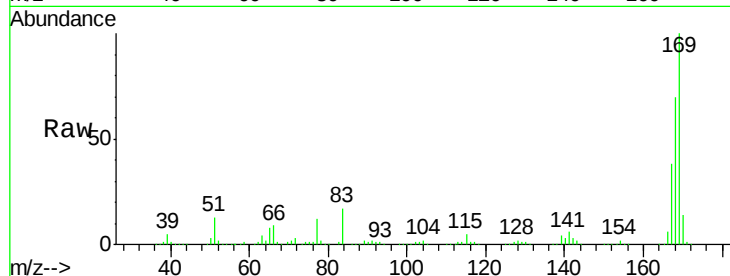
#65
n-Nitrosodiphenylamine
Concen: 41.68 ng
RT: 10.71 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.6	53.8	80.6
167	38.5	29.8	44.8

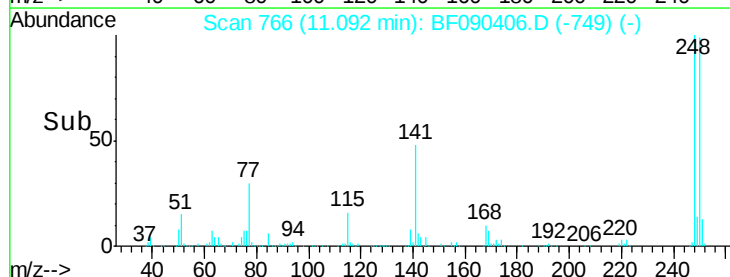
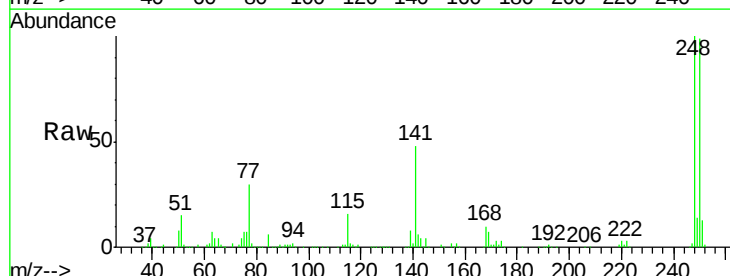
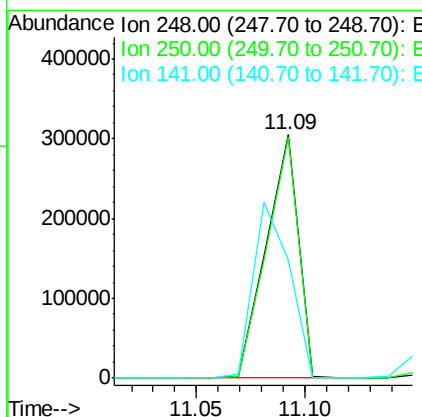
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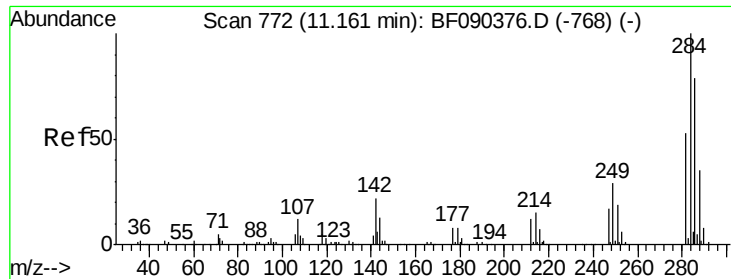
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#66
4-Bromophenyl-phenylether
Concen: 39.72 ng
RT: 11.09 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.0	76.5	114.7
141	48.4	59.8	89.6





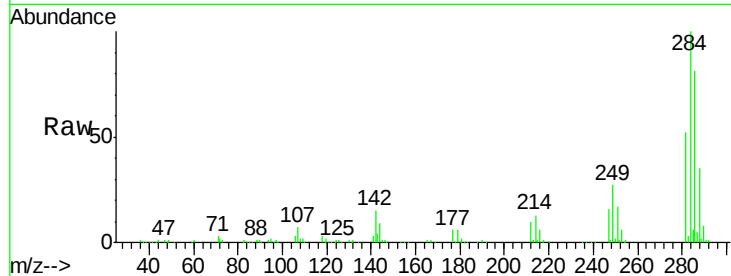
#67
Hexachlorobenzene
Concen: 39.73 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

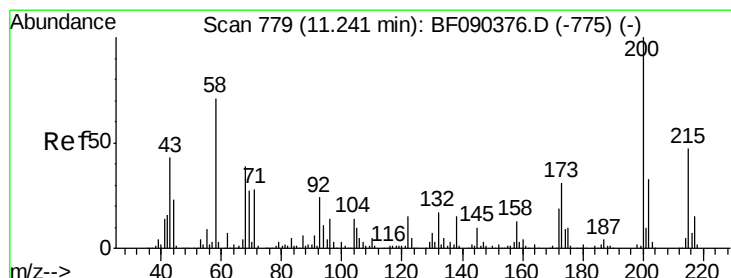
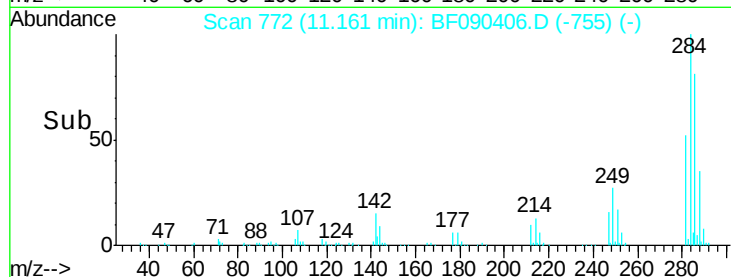
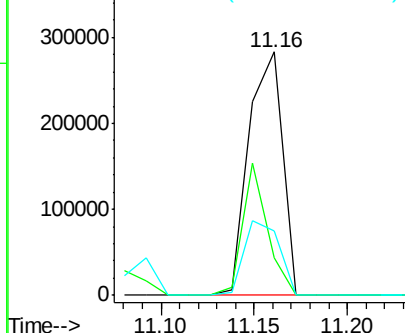
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	15.2	23.1	34.7#	
249	26.5	26.3	39.5	

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10/6/2016 5:27:49 PM

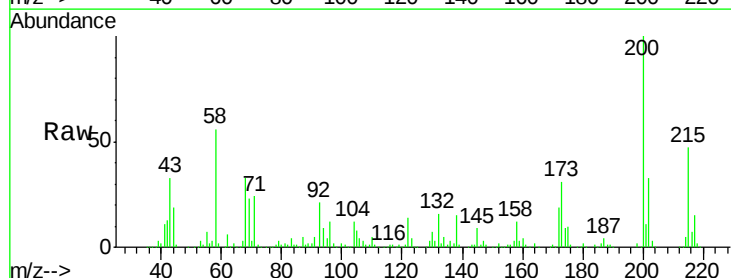


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

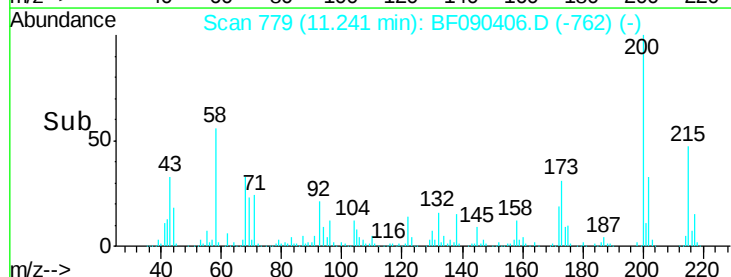
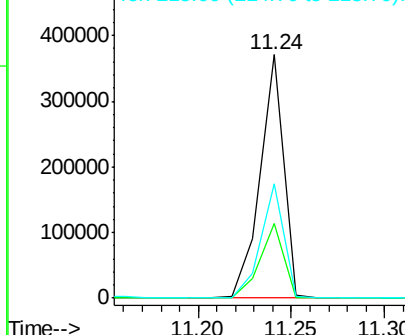


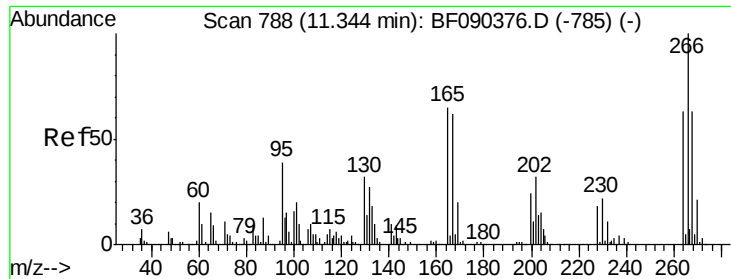
#68
Atrazine
Concen: 47.71 ng
RT: 11.24 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.6	9.0	49.0	
215	47.2	24.8	64.8	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





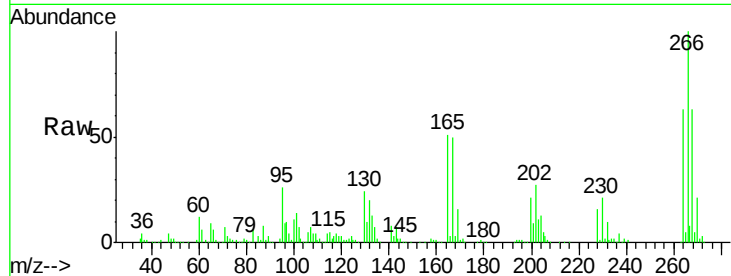
#69
 Pentachlorophenol
 Concen: 41.61 ng
 RT: 11.34 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

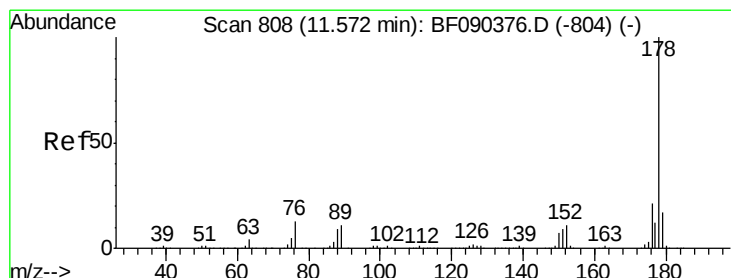
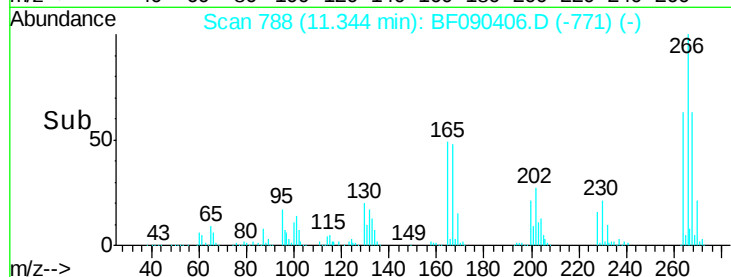
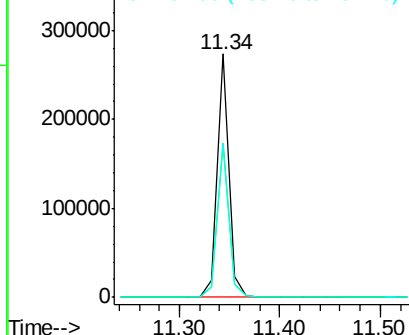
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.9	76.3
264	63.4	51.5	77.3

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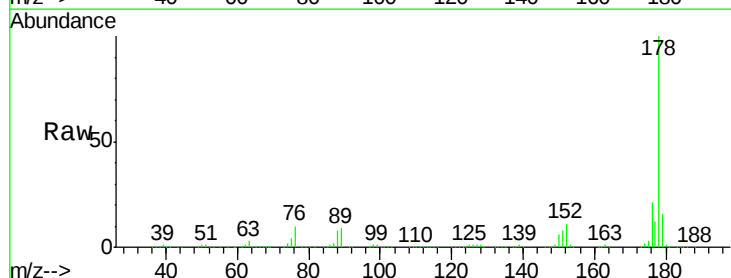


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

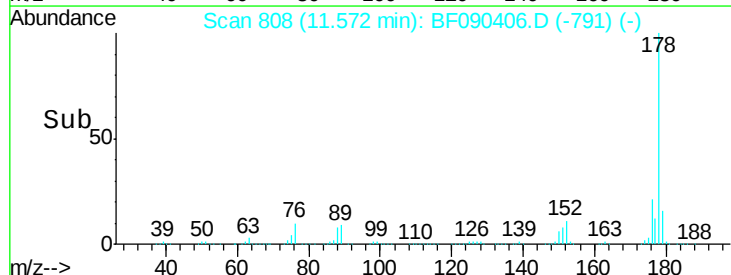
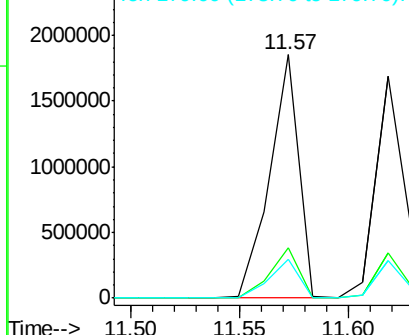


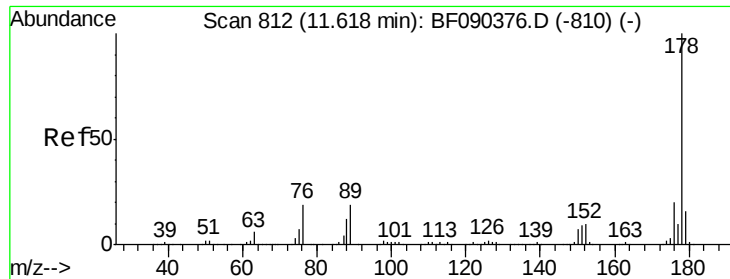
#70
 Phenanthrene
 Concen: 41.86 ng
 RT: 11.57 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.3	25.9
179	16.2	13.8	20.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 36.65 ng
 RT: 11.62 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

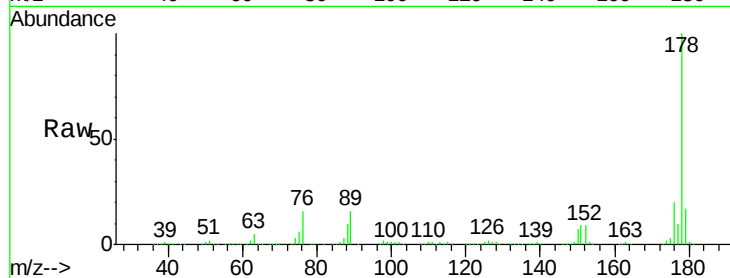
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1560572

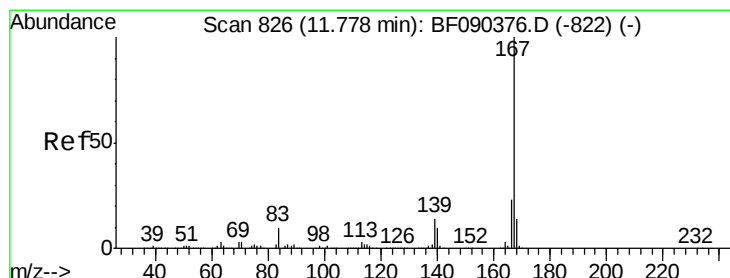
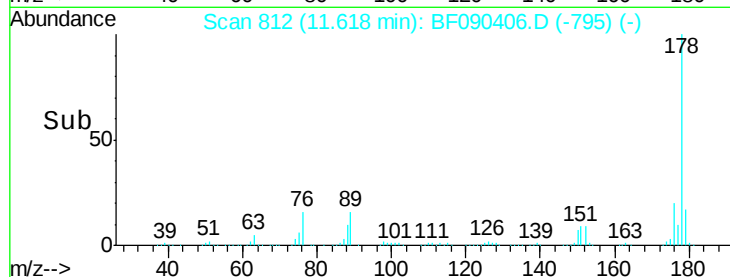
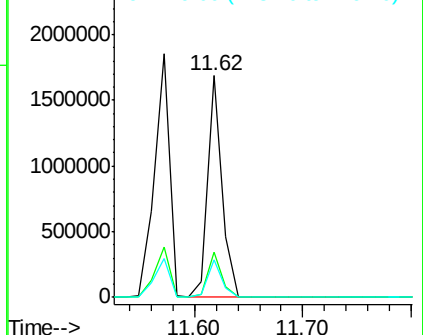
Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.8	25.2
179	16.7	13.4	20.2

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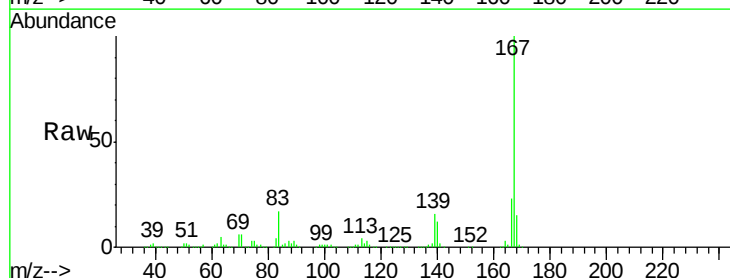
Abundance Ion 178.00 (177.70 to 178.70): E
 2500000
 Ion 176.00 (175.70 to 176.70): E
 2000000
 Ion 179.00 (178.70 to 179.70): E
 1500000
 1000000
 500000
 0



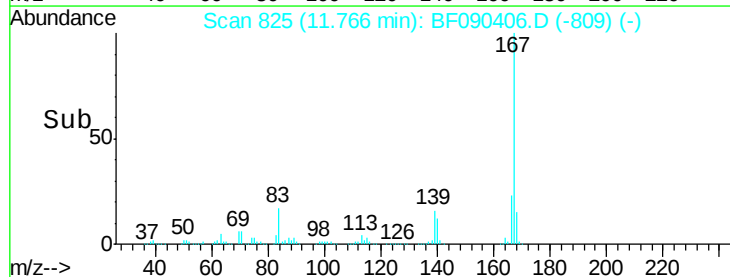
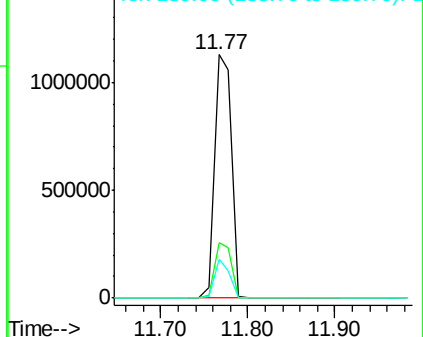
#72
 Carbazole
 Concen: 39.08 ng
 RT: 11.77 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

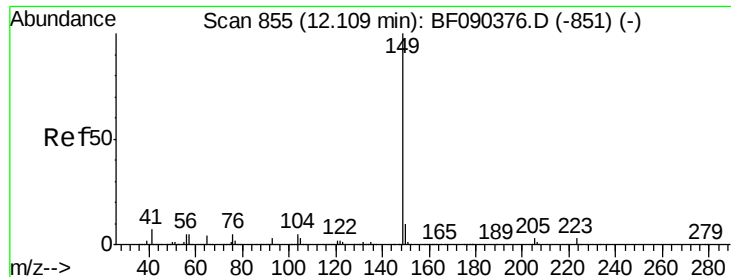
Tgt Ion:167 Resp: 1546043

Ion	Ratio	Lower	Upper
167	100		
166	22.6	19.1	28.7
139	15.7	12.1	18.1



Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 1000000
 Ion 139.00 (138.70 to 139.70): E
 500000
 0





#73

Di-n-butylphthalate

Concen: 42.84 ng

RT: 12.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2062392

Ion Ratio Lower Upper

149 100

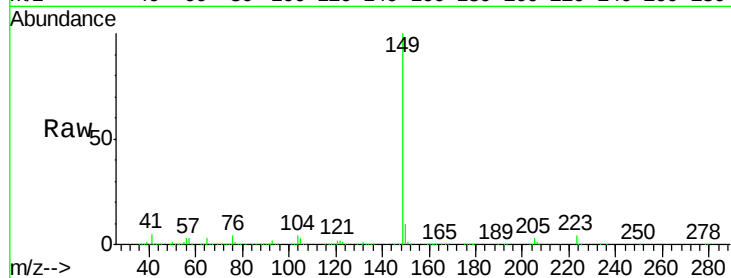
150 9.6 8.6 12.8

104 4.3 4.7 7.1#

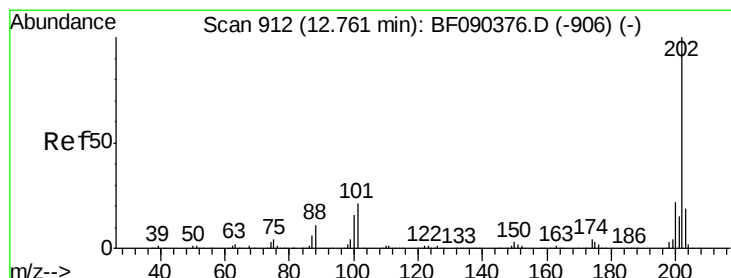
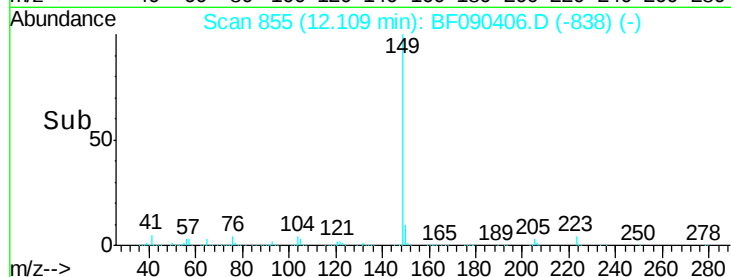
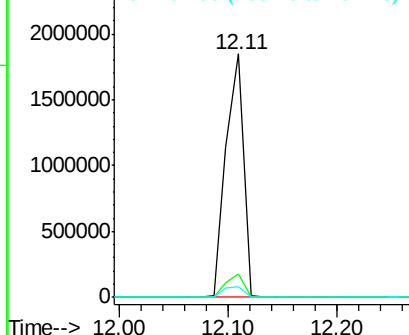
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Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.30 ng

RT: 12.76 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

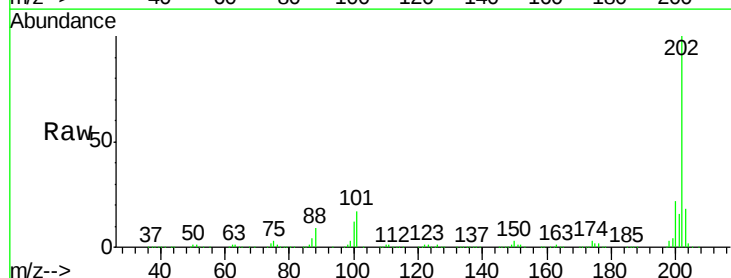
Tgt Ion:202 Resp: 1566364

Ion Ratio Lower Upper

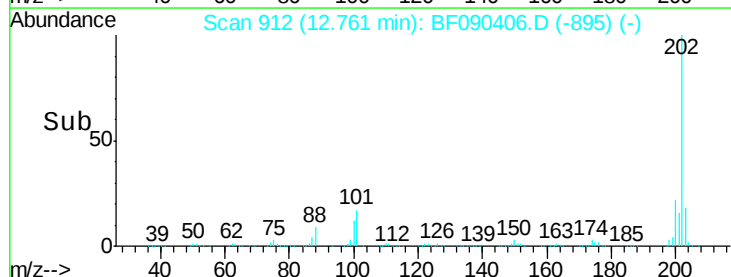
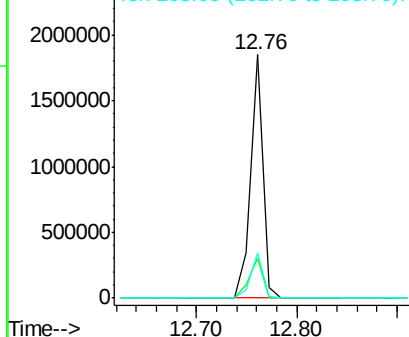
202 100

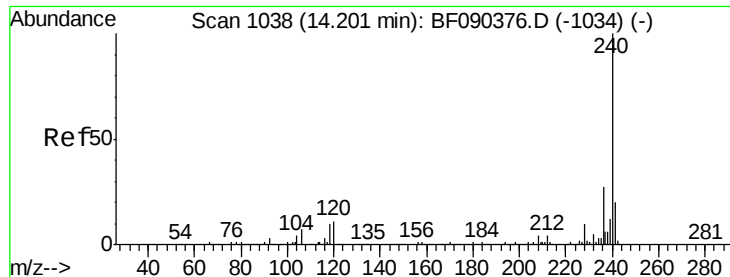
101 16.7 0.0 37.2

203 18.5 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Instrument :

BNA_F

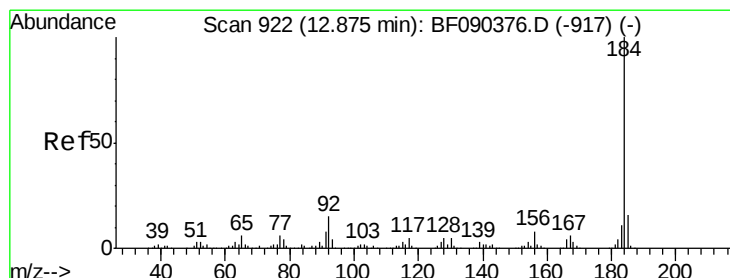
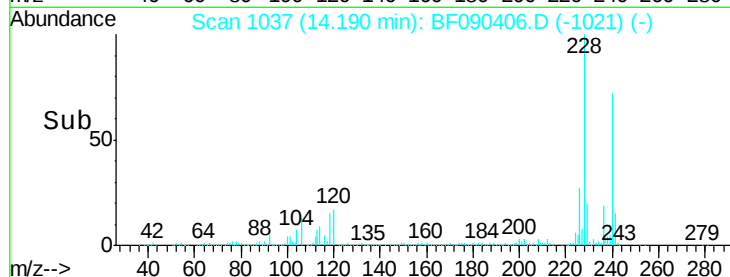
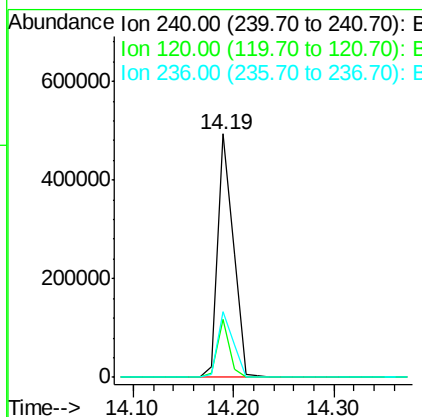
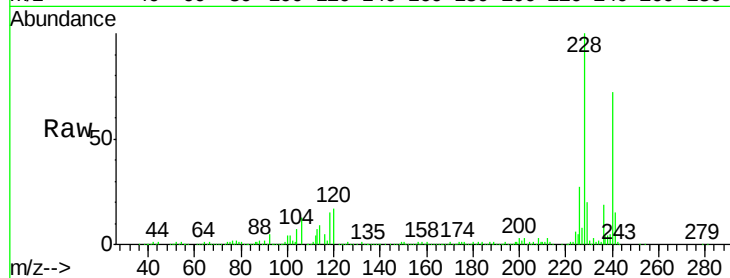
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	23.8	8.6	13.0#
236	26.8	21.6	32.4

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#76

Benzidine

Concen: 50.21 ng

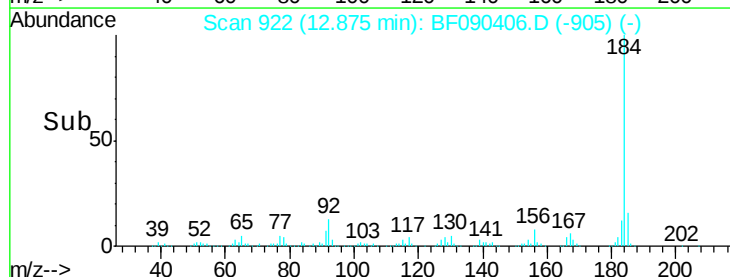
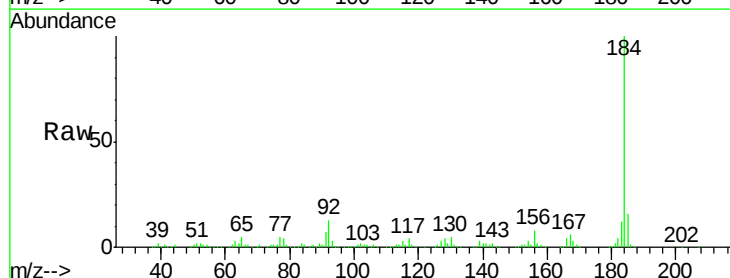
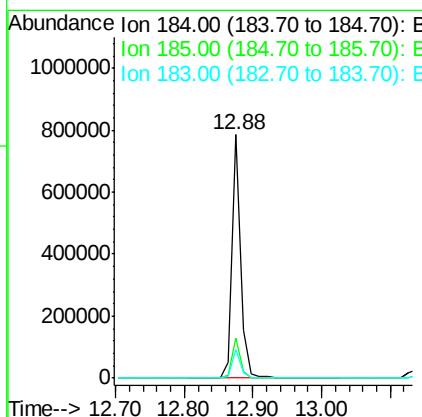
RT: 12.88 min Scan# 922

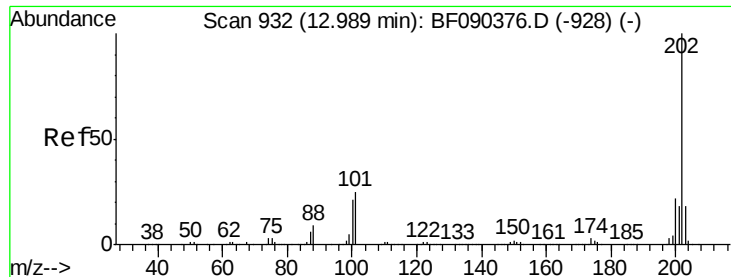
Delta R.T. 0.00 min

Lab File: BF090406.D

Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.8	17.8
183	11.9	9.6	14.4





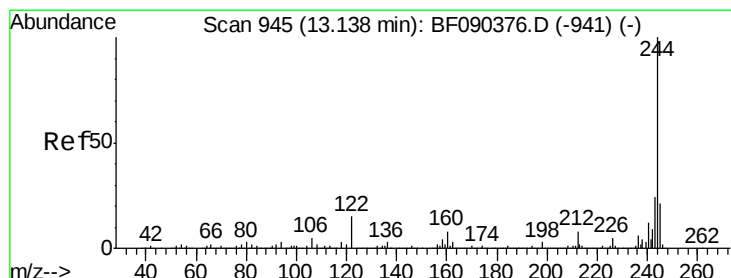
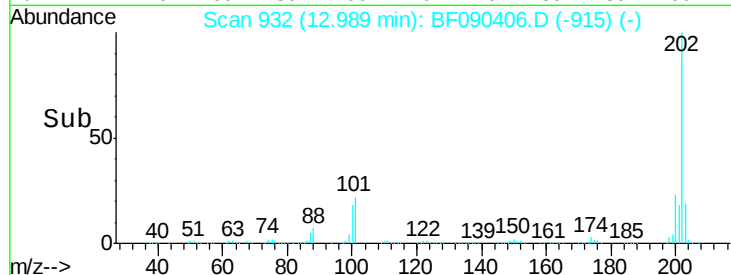
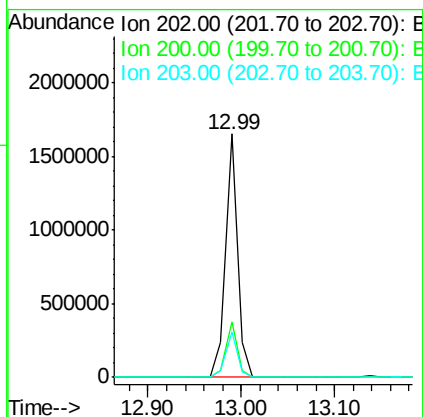
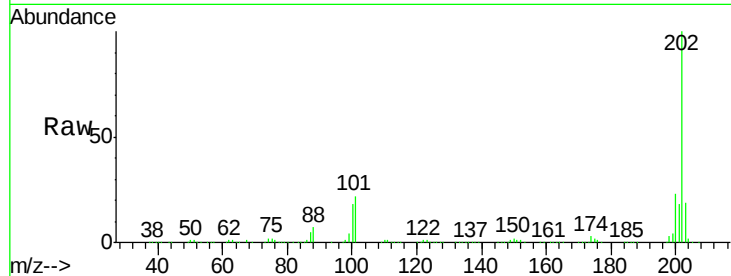
#77
Pvrene
Concen: 41.34 ng
RT: 12.99 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.5	27.7
203	18.6	15.0	22.6

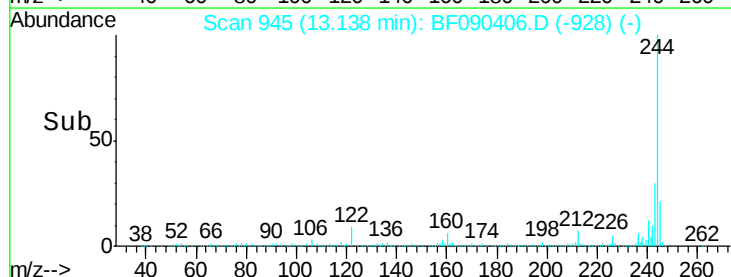
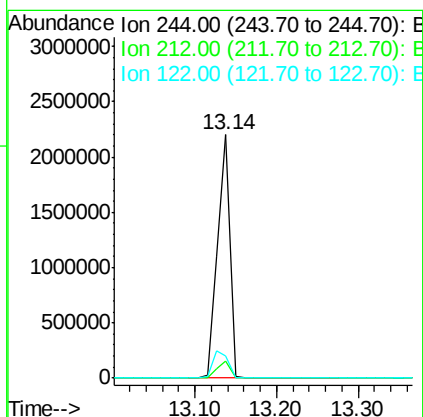
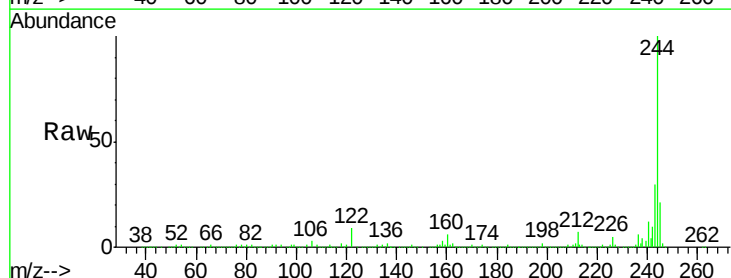
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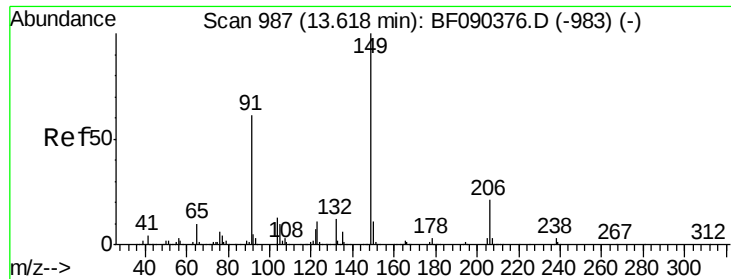
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#78
Terphenyl-d14
Concen: 97.21 ng
RT: 13.14 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.8	10.2
122	9.0	13.3	19.9#





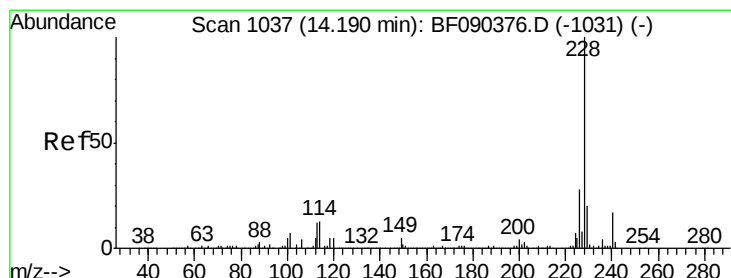
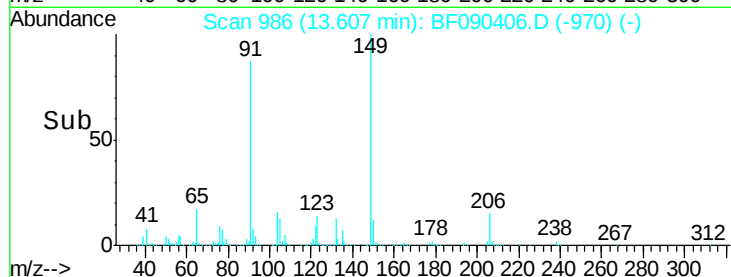
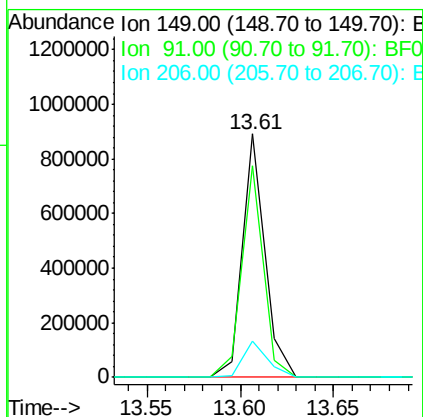
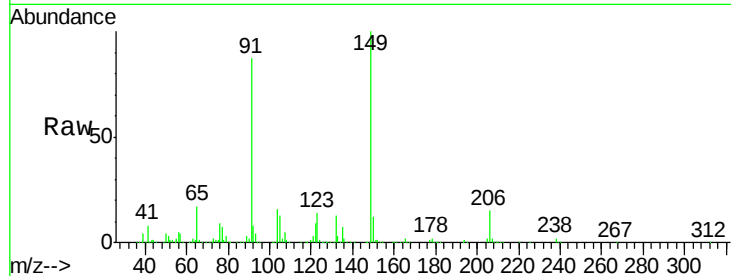
#79
Butylbenzylphthalate
Concen: 41.15 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	87.1	51.8	77.8#
206	15.1	18.0	27.0#

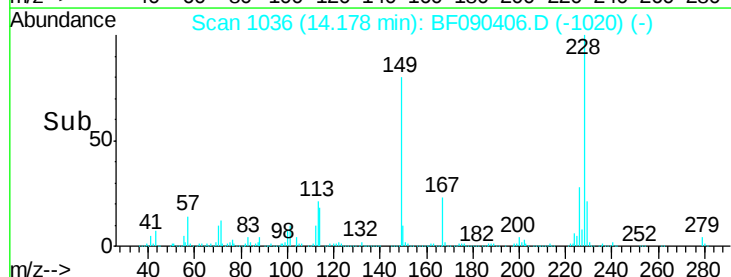
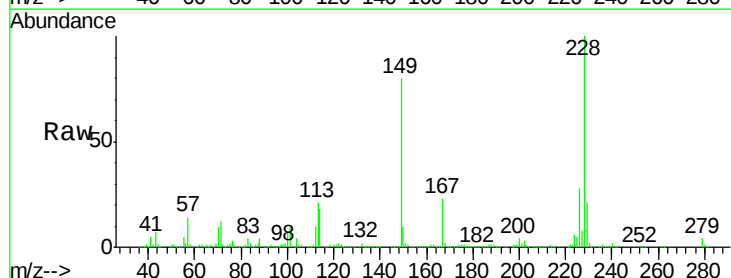
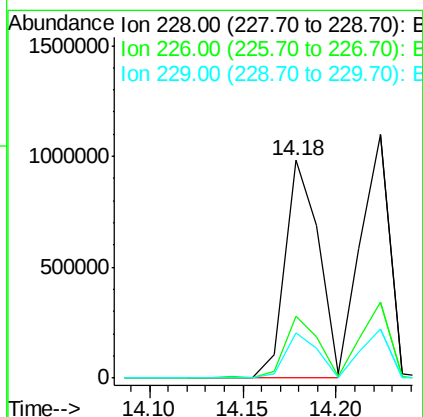
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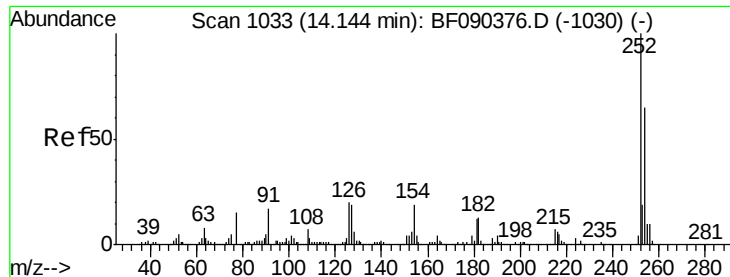
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#80
Benzo(a)anthracene
Concen: 41.30 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.6	35.4
229	20.6	16.6	25.0





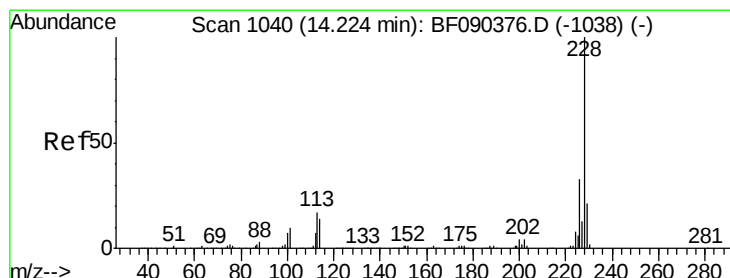
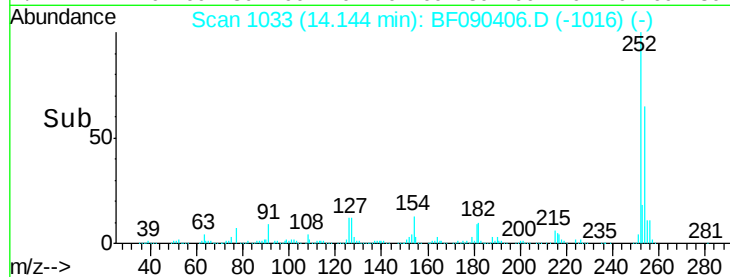
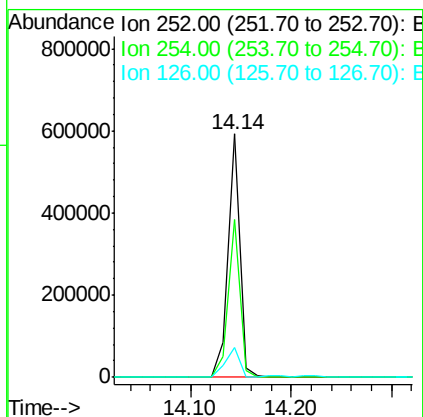
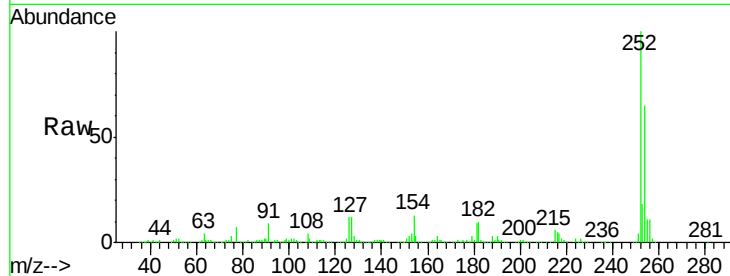
#81
 3,3'-Dichlorobenzidine
 Concen: 44.85 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.1	78.1
126	12.1	4.2	6.4

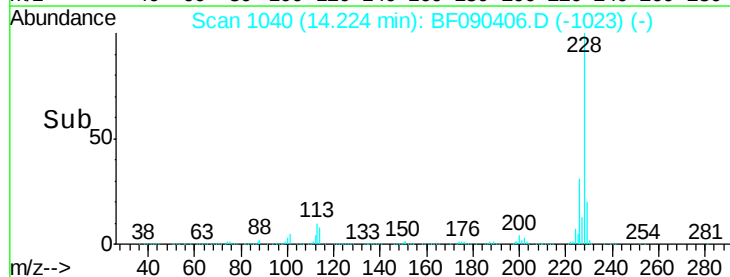
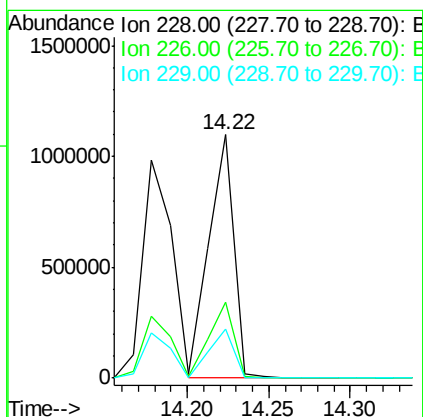
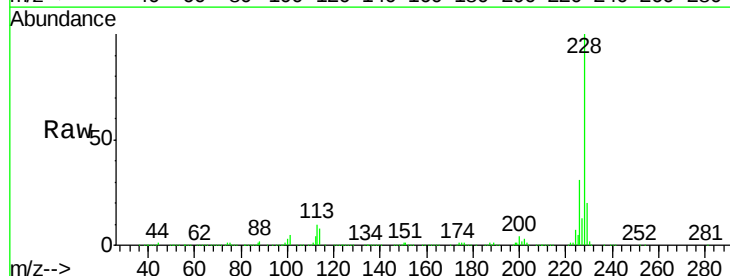
Manual Integrations
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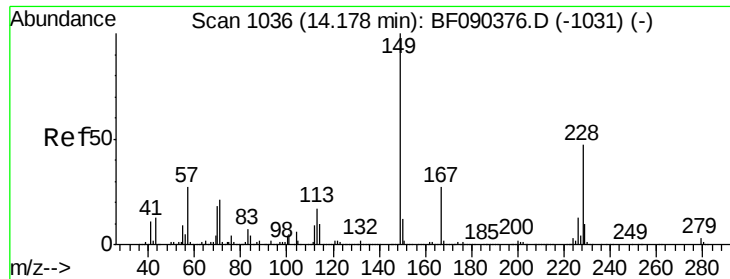
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#82
 Chrysene
 Concen: 42.50 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.8	38.6
229	20.1	16.9	25.3





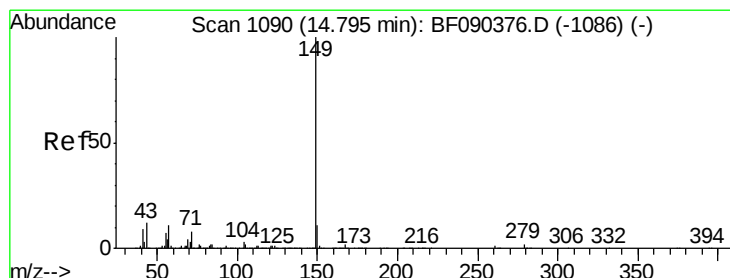
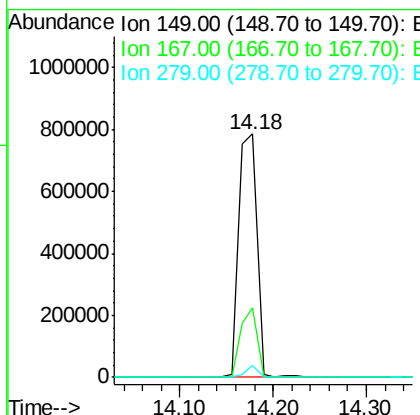
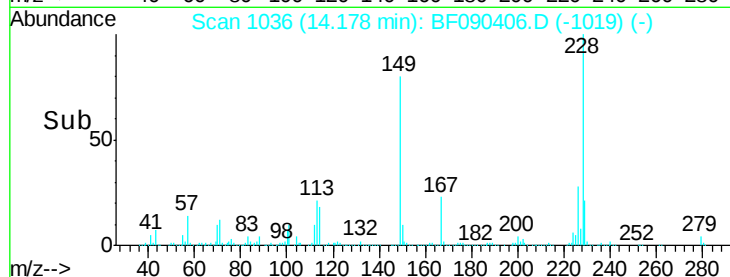
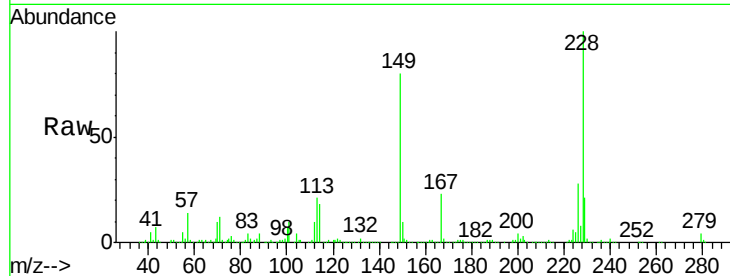
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.53 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:149 Resp: 1076190
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.5 32.3
 279 4.8 2.6 3.8#

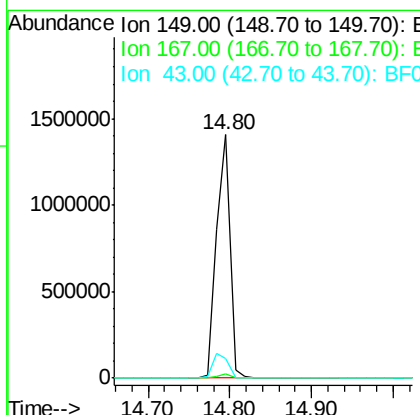
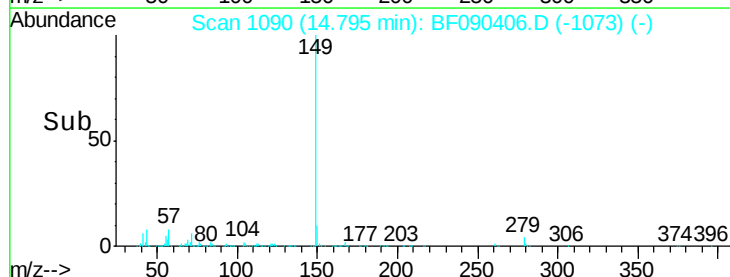
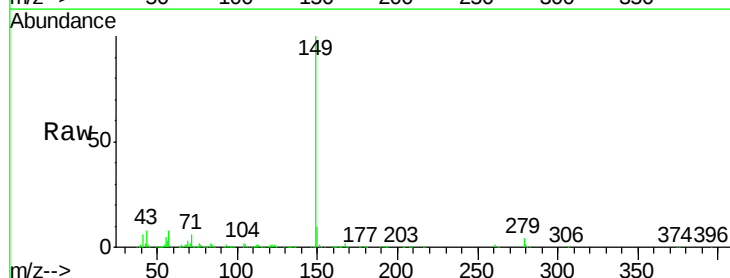
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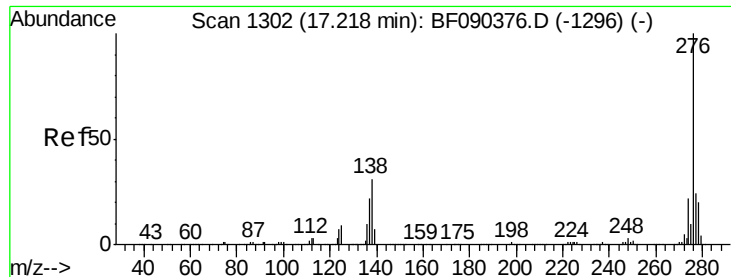
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#84
 Di-n-octyl phthalate
 Concen: 41.96 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Tgt Ion:149 Resp: 1612278
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.7 11.8 17.8#





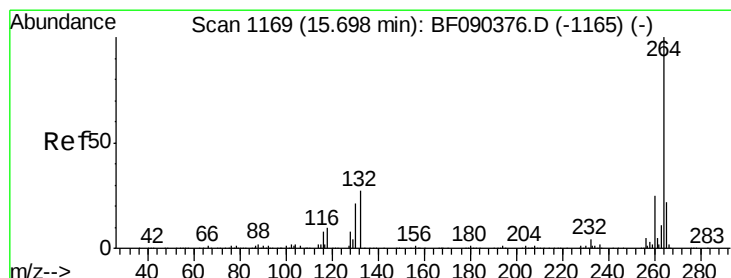
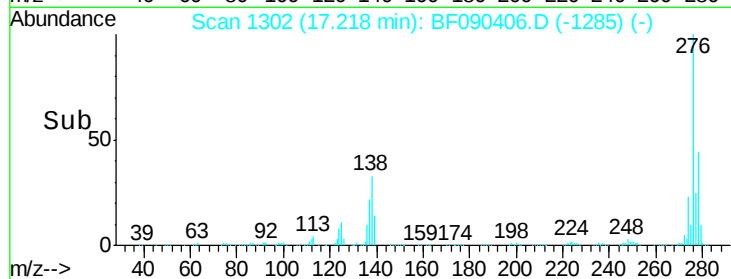
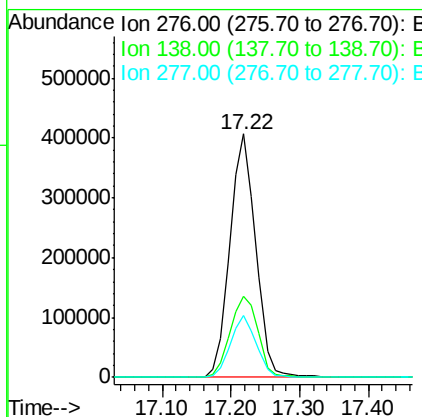
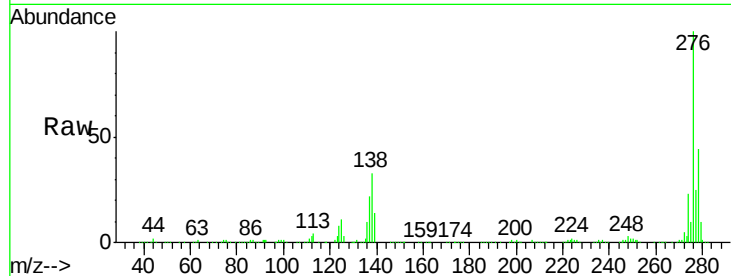
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.76 ng
RT: 17.22 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.0	23.8	35.8#
277	25.3	20.4	30.6

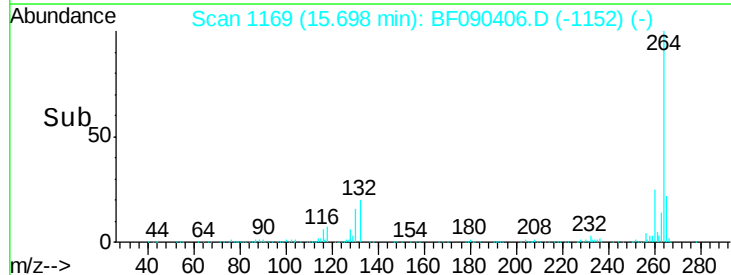
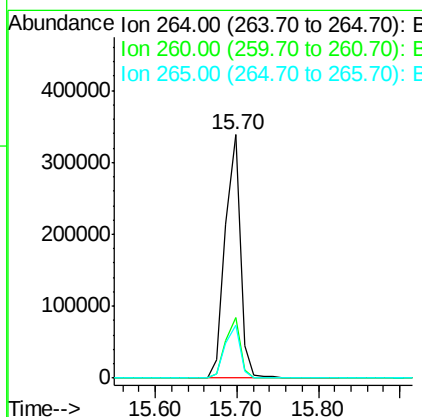
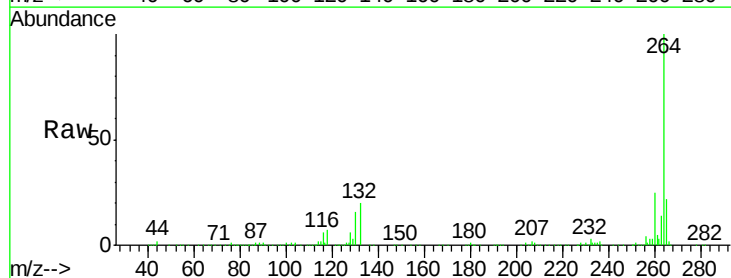
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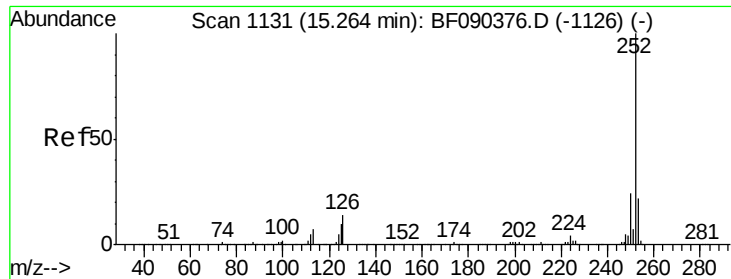
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.5	17.4	26.0





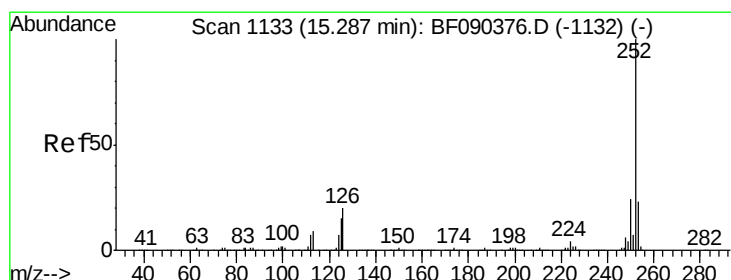
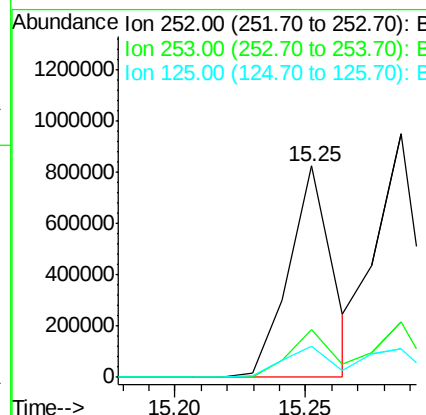
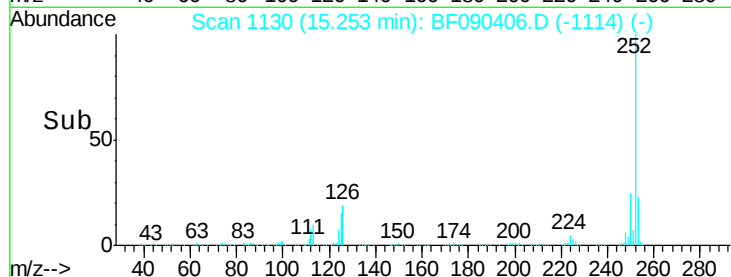
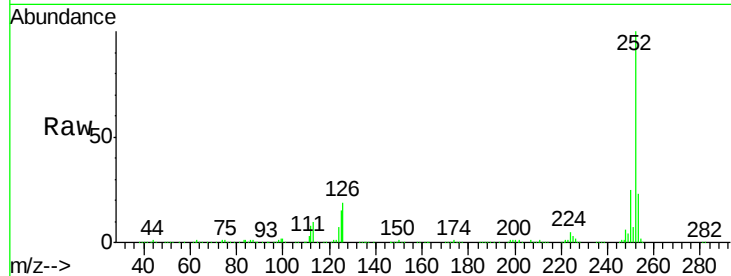
#87
Benzo(b)fluoranthene
Concen: 34.35 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	14.5	7.0	10.4

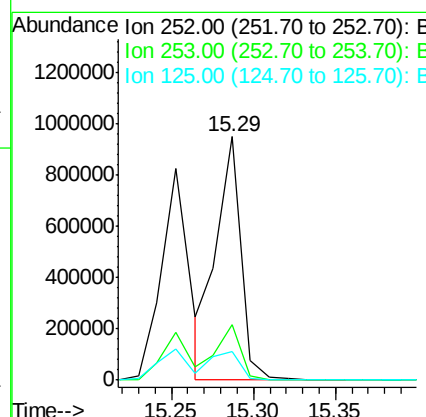
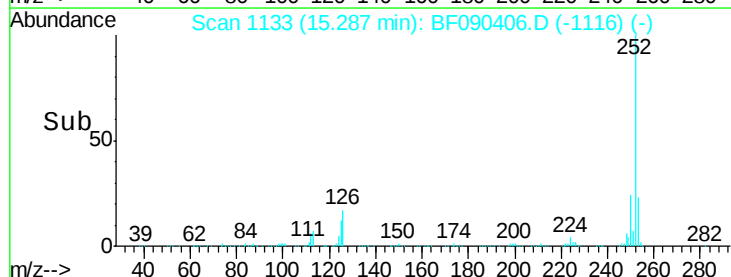
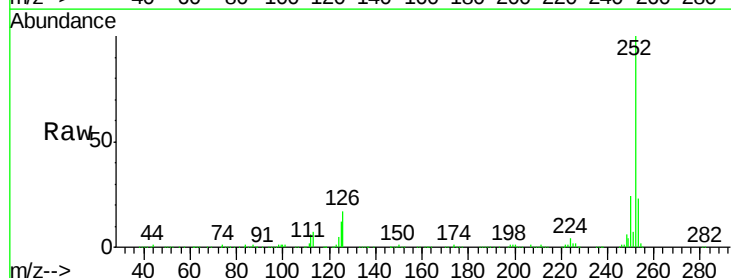
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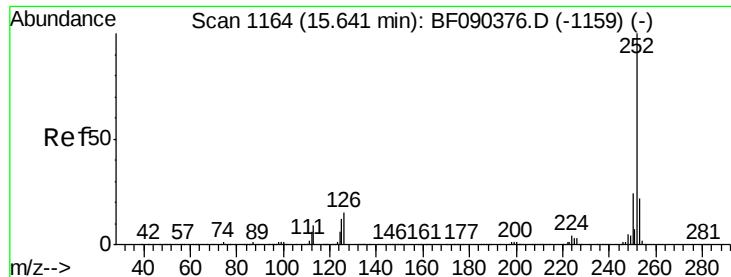
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#88
Benzo(k)fluoranthene
Concen: 39.27 ng m
RT: 15.29 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	11.7	11.7	17.5





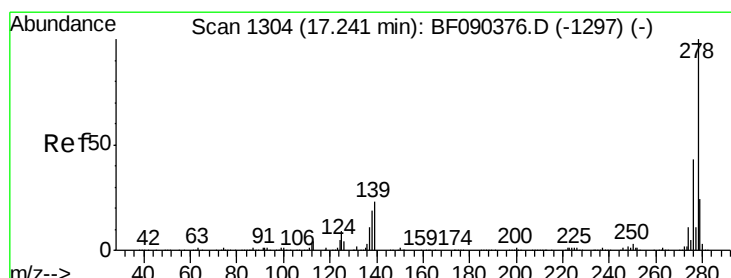
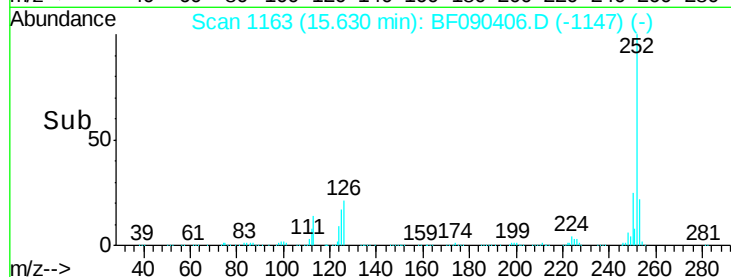
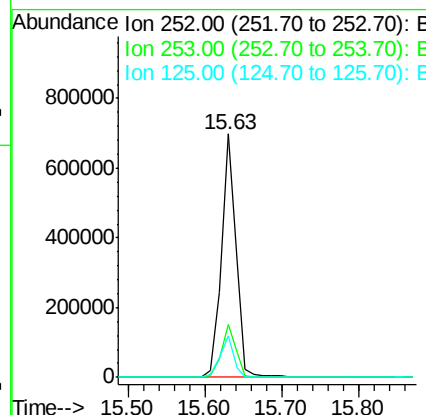
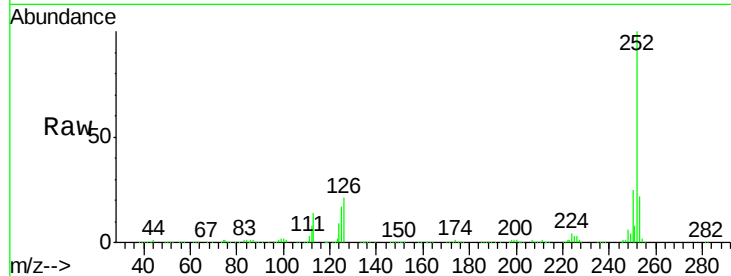
#89
Benzo(a)pyrene
Concen: 38.41 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	16.9	9.8	14.8

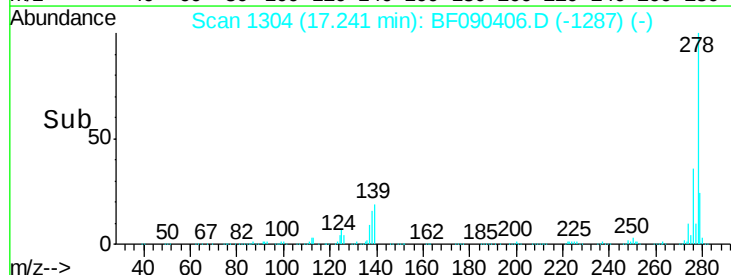
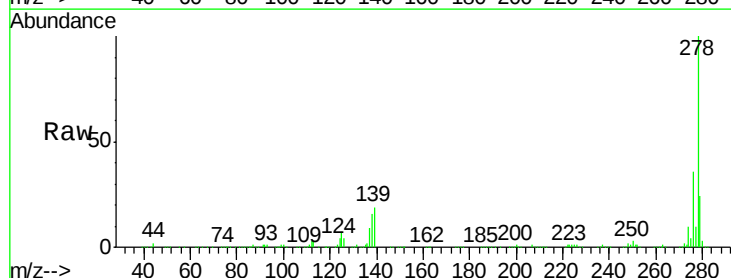
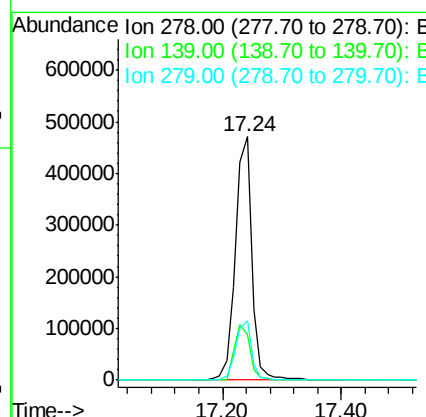
Manual Integrations
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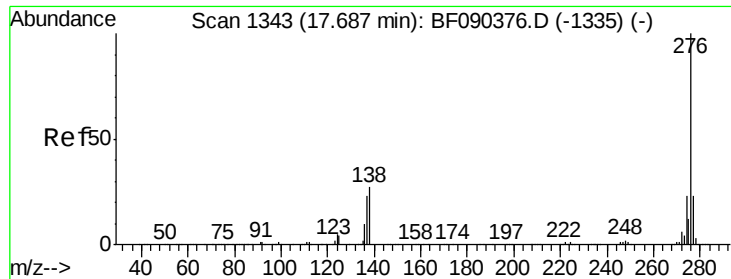
SOHIL
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#90
Dibenzo(a,h)anthracene
Concen: 44.45 ng
RT: 17.24 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF090406.D
Acq: 6 Oct 2016 3:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	12.8	19.2
279	24.2	19.6	29.4





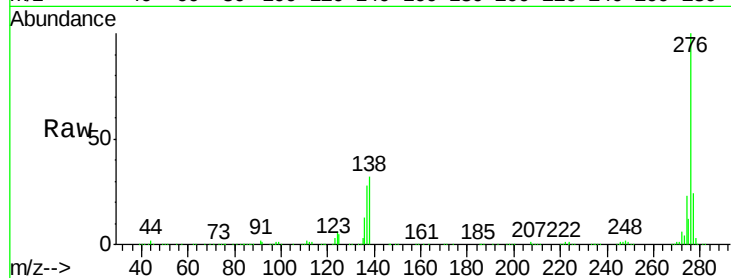
#91
 Benzo(a,h,i)perylene
 Concen: 44.80 ng
 RT: 17.68 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF090406.D
 Acq: 6 Oct 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	32.3	20.8	31.2

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:49 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

